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State of Vermont

1989 Vital Statistics

105th Report
Relating to the
Registry and
Return of
Births, Deaths,
Marriages
and Divorces.

Department of Health
Agency of Human Services

1989 ANNUAL REPORT

OF

VITAL STATISTICS IN VERMONT

State of Vermont
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We gratefully acknowledge the contributions of the medical records staff, physicians and midwives, funeral directors, lawyers and court clerks for their help in collecting and providing us with this data. We also recognize our local registrars, the 251 town and city clerks. Without them, these analyses of Vermont's vital statistics would not be possible.

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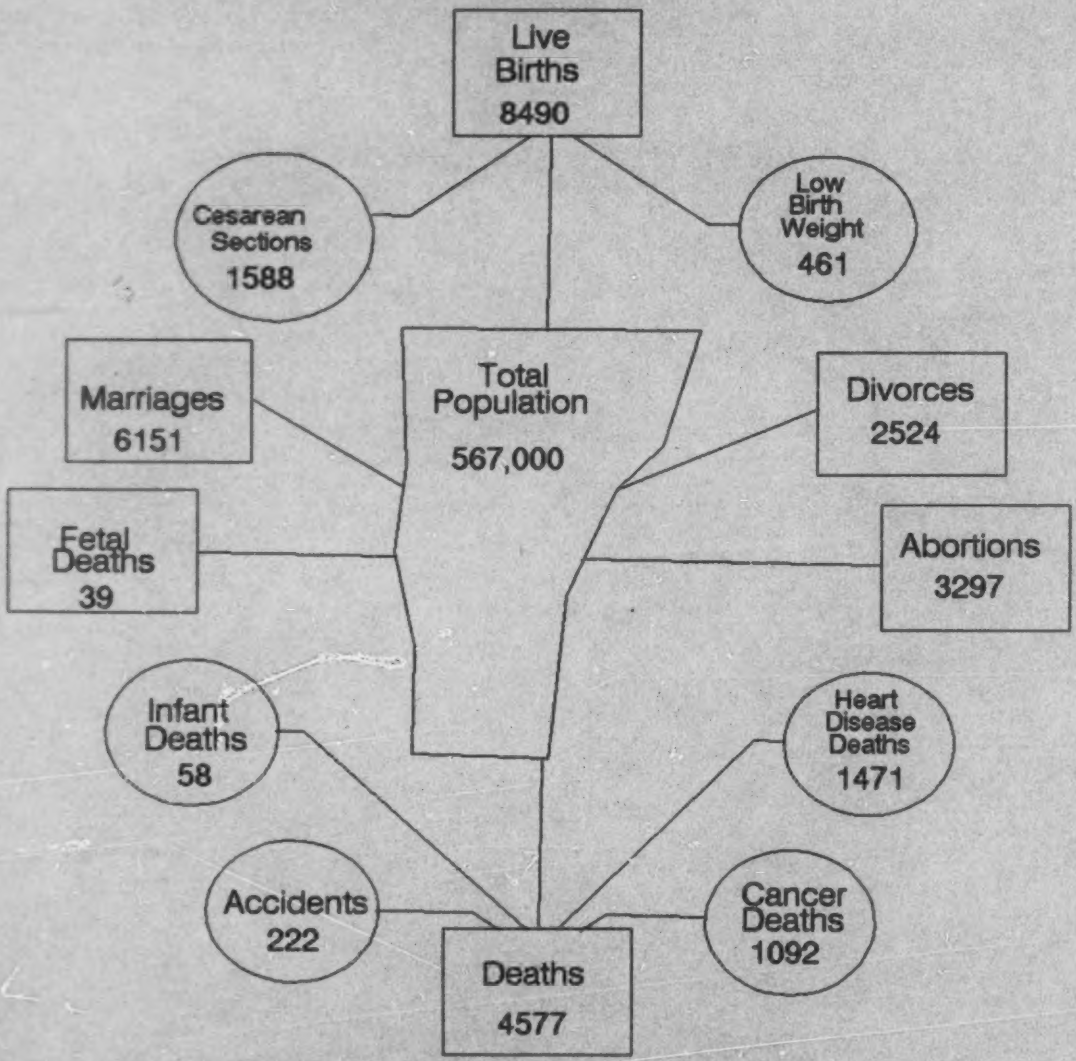
Introduction

Figure 1

VERMONT VITAL EVENTS FOR 1989


Live Births 8490
Cesarean Sections 1588
Low Birth Weight 461
Marriages 6151
Total Population 567,000
Divorces 2524
Fetal Deaths 39
Abortions 3297
Infant Deaths 58
Heart Disease Deaths 1471
Accidents 222
Cancer Deaths 1092
Deaths 4577

Marriages, divorces, and abortions displayed above are occurrence data; all other vital events represent resident data.

The Vermont Vital Statistics System

Statewide vital registration began in Vermont in 1857, when the General Assembly passed a bill requiring that towns report all births, marriages, and deaths occurring in their jurisdiction to the Secretary of State. The legislature also required periodic publication of tables from the reports. This volume, one in the series of publications begun in 1857, presents Vermont vital events for the year 1989. Historically, the information contained on vital records has served as an important tool for public health officials by providing a picture of the general health of the population. Recognizing its importance, in 1896 the legislature transferred responsibility for the vital statistics system to the newly formed Board of Health, the forerunner of the Vermont Department of Health. The Health Department still has this responsibility.

The current Vermont vital statistics system includes six types of vital events: births, deaths, marriages, divorces, fetal deaths, and abortions. Each type of record follows a different path before being used to produce the statistics published here.

When a birth occurs, the physician, midwife, or other birth attendant is required to complete a birth certificate and file it with the town clerk in the town of birth within 10 days. For hospital births, it is usually the medical records staff who complete the birth certificate. The physician signs the completed form before it is forwarded to the town clerk.

Although the physician is also responsible for filing the death certificate, the job may be, and usually is, delegated to the funeral director. Most of the information needed to complete the death certificate is obtained from the family of the deceased. A physician, however, must complete the cause of death information and sign the death certificate. The funeral director files the certificate with the town clerk.

When a couple wishes to marry in Vermont, they provide a town clerk with the information needed to complete the marriage license. The couple takes the license to the officiant, who, after performing the marriage, signs and dates it, and returns it to the town clerk. When the town clerk files the license, it becomes the marriage certificate.

The Health Department regularly receives copies of all the births, deaths and marriages filed in local town clerks' offices.

A divorce certificate is initiated by the lawyer or other individual handling the divorce. It is filed with the court as part of the divorce proceedings. The court keeps the certificate until the divorce decree becomes final, usually three months after the court hearing. When the decree is final, the court clerk signs the certificate and sends it to the Health Department for filing.

Reports of fetal death and induced termination of pregnancy (abortion) are filled out by the attending physician. They are sent directly to the Health Department. These reports are not legal records, and are for statistical use only. After the data are extracted from them, the reports are destroyed.

All vital records received at the Health Department are computerized. Records are coded and entered into the computer. Records with unknown or unlikely data are corrected after querying the data provider. A computer tape containing statistical information from the records is sent to the National Center for Health Statistics to become part of the national data base.

Because most analyses of vital events are based on place of residence rather than occurrence, the Health Department receives copies of certificates of all Vermont resident births and deaths that occur in other states in the United States and Canada through a cooperative exchange program.

Vital statistics data are used for reports like this one, for aiding in population estimates, for targeting areas of public health concern, and for special studies. The 105 volumes of Vermont's vital statistics illustrate the changes in Vermonters' health status and needs over time.

The tables presented in this bulletin were derived from vital events filed at the Health Department for calendar year 1989. All rates are based on estimates of the Vermont midyear 1989 population (Table 2) developed by the Division of Public Health Analysis and Policy, in cooperation with the United States Census Bureau.

The following section, "How to Be a Vital Statistician", describes the basic steps one should take when using the tables presented in this book. Appendix B outlines data accuracy problems found in some of the birth items. Researchers using the birth tables in this book are encouraged to read this section.

HOW TO BE A VITAL STATISTICIAN *

This book presents vital statistics and highlights a number of important demographic and public health changes. The possible uses of vital statistics are endless. Data users are as diverse as a public health official evaluating a program and using death data, a demographer projecting school enrollments with birth data, and a business person deciding to open a formal wear shop based on marriage data. Many of these users have a thorough knowledge of statistics. Others find the entire subject matter confusing and intimidating. For either group a misunderstanding of what vital statistics mean or an incorrectly used comparison can lead to wrong conclusions. Therefore, this section is included to provide an overview of how to use vital statistics. It is addressed to the person looking at vital events for the first time, but the experienced user may also find a review helpful. Additional information about specific events is provided at the beginning of each section.

STEP 1: FINDING THE CORRECT NUMBER

The first step is to determine how many of a particular vital event took place during the year. This involves asking two questions:

Which event or events are appropriate?

DEATHS
INFANT DEATHS
NEONATAL DEATHS
POST-NEONATAL DEATHS
FETAL DEATHS
LOW BIRTH WEIGHT INFANTS
PREGNANCIES
INDUCED ABORTIONS
MARRIAGES
DIVORCES

This may not be as simple as it sounds. For one thing, examining more than one type of event may be required. For example, a researcher who is concerned with teenaged pregnancies will have to consider abortions and fetal deaths, not simply the number of births.

Deciding which events to use is important since sometimes the choice of one event over another can lead to vastly different conclusions. Consider the researcher who asks, "Have we reduced the likelihood of death for babies?" Selecting neonatal deaths (babies who die before they are 28 days old) suggests the answer is yes. But selecting post-neonatal deaths (those between 28 days and one year) suggests no.

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* This section is reprinted with the permission of the Oregon Center for Health Statistics from their "OREGON VITAL STATISTICS, 1983" publication. Examples have been changed to Vermont examples.

What is the correct population?

Vital events do not usually occur in individuals' homes, which leads to an interesting problem in geography. Vital events are usually reported two ways:

OCCURRENCE - means that the event (death, birth, marriage) actually took place in the geographic region indicated (either Vermont or a particular county). The person participating in the event may have lived in another state.

RESIDENCE - means that the person involved in the event lived in the geographic region mentioned, but the event itself may have taken place anywhere in the United States or Canada. In other words, a resident of Windham county who died in an accident while on vacation in Michigan is included in the Windham county resident death figure.

Choosing the appropriate population is important. Occurrence birth data is more relevant to a hospital planner who is deciding whether to expand or contract delivery services. Residence birth data should be the choice for projecting school enrollment. When in doubt about which population to use, resident figures are usually the better choice. Most birth and death data are published by residence, which means that comparisons with other states or the United States as a whole are easier. In this book, table headings indicate the population included in the tables.

Once the right event and the right population have been determined, the statistician can find the correct figures in the table(s) in this book. If the needed table is not listed, contact the Division of Public Health Analysis and Policy at the Vermont Department of Health for more information.

STEP 2: MAKING THE NUMBER MEANINGFUL WITH RATES AND RATIOS

In many instances simply knowing the number of events which occurred is not sufficient. A. Bradford Hill expressed this important statistical concept:

> "It is well recognized that white sheep eat more than black sheep -because there are more of them."

In other words, it is the probability of the event which is important. We know more people died in Chittenden county than in Franklin county, but is the likelihood of dying really different?

In order to answer this question, statisticians calculate rates. This means that the number of events which occurred is compared to the population for which that event could have occurred, and the figure is then standardized to some number (such as 1,000 or 100,000) for convenience.

Here is an example:

$$\text{CRUDE DEATH RATE} = \frac{\text{DEATHS}}{\text{POPULATION}} \times 1{,}000$$

the number of people who could have died.

a number picked by vital statisticians to eliminate decimal points.

The more specifically a statistician can define the "population at risk" (the bottom part of the rate), the more meaningful the rate is. For example, the crude birth rate, which compares the number of births to the population, is not nearly as informative as the fertility rate. This second rate uses only the number of women of childbearing age (15-44) for comparative purposes and is therefore less distorted by quirks in the population distribution. (The turn of the century notion that only married women between the ages of 15 and 44 would be considered at risk of pregnancy has been abandoned for obvious reasons.) The importance of being specific about the population at risk is explained in Step 3.

Unfortunately, we do not always have the correct number for the bottom part of the equation. In these situations a substitute is used. For example, how many people are at risk of getting divorced? The number of married people is only available for census years. As a substitute, the crude divorce rate is calculated using the total population regardless of marital status. In other situations, the event is simply compared to another related number to create a ratio. For instance, the abortion ratio compares the number of abortions to the number of births. This is easier and more accurate than trying to determine the true denominator, which is the total number of pregnant women.

When calculating rates and ratios, great care must be taken to make certain that the same time periods, the same geographical boundaries, and the same population are used in the top and bottom parts of the equation.

STEP 3: COMPARING PLACES, TIME PERIODS, AND CATEGORIES

In many situations, the vital statistician's goal is to compare two or more numbers for different geographical areas, different time periods, or different categories such as men versus women. But comparing rates and ratios introduces some new problems which must not be overlooked.

Changes in measurement

The first problem is that the measures being compared are not always the same. Definitions, population estimates, certificates, and coding procedures change from time to time as the need arises. This can create "artificial" differences and can disguise "real" differences. The cause of death item provides an excellent example of changes in comparability:

> Between 1975 and 1978 approximately 50 people died each year from chronic obstructive pulmonary disease. RATE = 9.6 PER 100,000 POPULATION.
>
> Between 1979 and 1983, approximately 160 people died each year from this cause. RATE = 31.7 PER 100,000 POPULATION

The explanation for the difference since 1979 is not that the incidence of C.O.P.D. deaths increased, but that a new scheme for coding causes of death was introduced that year.

Taking age and sex into account

Mr. G. C. Wipple noted in 1923, "We might find that the death rate of bank presidents was higher than that of newsboys; but this would not be because of different occupations, but because of different ages." We expect older people to die at a higher rate than younger people. We also expect people in their twenties to have more babies than the very young or the very old. Sex and race, as well as age, affect rates drastically.

When comparing two places or two points in time, it is necessary to take these influencing characteristics into account. Here is an example:

> In 1987, the death rate in Washington county was higher than the death rate in Chittenden county. However, the death rates for each age group in these two counties were virtually the same. This contradiction is explained by the fact that Washington county has a higher proportion of residents in the older age groups where death rates are higher.

	Washington	Chittenden
Crude Death Rate	8.8	6.3
Age Specific Death Rates		
0-24	0.7	0.7
25-44	1.2	1.4
45-64	7.8	7.4
65+	53.3	54.5

In this book, Vermont rates are compared to United States white rates, rather than to total United States rates because Vermont's population is predominantly white (99.1%).

Before comparing two places or two time periods, always compare the population characteristics first. If discrepancies are noted in any relevant variables, then the rates should be adjusted or standardized in order to make the comparisons free of differences in the structure of the populations. The formulas for doing this are listed at the end of this section.

Small Numbers

Perhaps the most common error made in vital statistics concerns the use of rates based on very small numbers. When the numbers being used to calculate rates are extremely small, large swings often occur in the rates which do not reflect real changes. Consider Lamoille county's infant mortality rates for a recent five-year period:

LAMOILLE COUNTY

YEAR	BIRTHS	INFANT DEATHS	INFANT DEATH RATE
1983	292	4	13.7
1984	294	1	3.4
1985	261	2	7.7
1986	293	2	6.8
1987	299	3	10.0
TOTAL	1,439	12	8.3

The overall rate of 8.3 is similar to the state rate of 8.9 for the same time period. Yet the rate varies widely with the addition or subtraction of just one death. Public health officials would waste a good deal of energy if they reacted to these annual rates.

Statisticians expect a certain amount of chance variation and have methods to take this into account. The confidence interval uses the number of cases and their distributions to determine what the rate "really is". For example, a statistician will say, "We are 95 percent sure that the true infant death rate for Vermont between 1983 and 1987 was 8.9 plus or minus 0.69, that is, it lies somewhere between 8.21 and 9.59." If two rates have overlapping confidence intervals, then the difference between them may be due to this chance variation. In other words, the difference between them is not statistically significant.

Lamoille county's infant death rate for the same period was 8.3 plus or minus 3.8. The difference between the state rate and Lamoille county's rate is not statistically significant.

When comparing rates and ratios, differences should be tested for statistical significance. Formulas are at the end of this section. For those who are reluctant to use formulas, consider this rule of thumb: a rate based on 20 cases has a 95 percent confidence interval about as wide as itself (the interval for a rate of 50 is between 25 and 75). Even large differences between two rates based on 20 cases or less are probably not statistically significant.

If 20 are too few, how many cases are sufficient to say that a true difference exists? Unfortunately, we have no easy rule for this. To be safe, the vital statistician should always try to combine several years of data or consolidate geographical areas.

Many rates based on small numbers are published in this book because readers demand them. Anyone preparing to make important decisions based on these rates should make an effort to determine if the rates are statistically significant.

STEP 4: ANALYZING THE DATA

The first three steps are fairly mechanical:

1. Choose the correct events and the correct population to determine the number of events which took place for the geographical areas and time periods.

2. Calculate the rates.

3. Compare these rates to determine if the differences are statistically significant.

Now the vital statistician must begin to ask the difficult questions. Just because two rates are different, can we assume that we have a case of cause and effect? Is there another factor which is really causing the changes in the rates? If the difference which we expected did not prove to be significant, is there another item which perhaps is masking the difference? Frequently the statistician has to refine the research question and begin all over again.

Several sources of help are available. Many of the widely used rates and ratios are presented in the Summary Statistics section, and narratives and figures are included throughout the book to illustrate changes. And finally, the staff of the Division of Public Health Analysis and Policy are available for data users who need assistance.

Basic Definitions

The following definitions apply throughout this report:

A LIVE BIRTH is the complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of the voluntary muscles whether or not the umbilical cord has been cut or the placenta is attached. Heartbeats are to be distinguished from transient cardiac contractions; respirations are to be distinguished from fleeting respiratory efforts or gasps.

A DEATH is the permanent disappearance of any evidence of life at any time after live birth.

A MARRIAGE is the legal union of persons of opposite sex.

A DIVORCE is the final legal dissolution of a marriage.

An ANNULMENT is the invalidation or voiding of a marriage which confers on the parties the status of never having been married to each other.

A reportable FETAL DEATH is a death prior to the complete expulsion or extraction from the mother of a product of conception, which has passed through at least the twentieth week of gestation or weighs more than 400 grams; the death is indicated by the fact that, after such expulsion or extraction, the fetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Heartbeats are to be distinguished from transient cardiac contractions; respirations are to be distinguished from fleeting respiratory efforts or gasps.

An ABORTION is the purposeful interruption of pregnancy with the intention other than to produce a live-born infant or to remove a dead fetus.

A NEONATAL DEATH is a death to a live-born infant before the infant becomes 28 days old (up to and including 27 days, 23 hours, 59 minutes from the moment of birth).

An INFANT DEATH is a death occurring in the first year of life.

A PERINATAL DEATH is a fetal death or a death occurring before the infant becomes seven days old (up to and including six days, 23 hours, 59 minutes from the moment of birth).

WEEKS OF GESTATION is the number of weeks elapsed between the first day of the last menstrual period and the date of delivery.

PLURALITY is the number of siblings born as a result of this pregnancy.

RESIDENCE is the usual place of residence for the person to whom the event occurred. For births and fetal deaths, residence is defined as the mother's usual place of residence.

OCCURRENCE is the place where the event actually occurred.

RATES

$$\text{Crude Birth Rate} = \frac{\text{No. of resident live births X 1000}}{\text{Total resident population (mid-year)}}$$

$$\text{Fertility Rate} = \frac{\text{No. of resident live births X 1000}}{\text{Total resident female population (15-44)}}$$

$$\text{Age-Specific Fertility Rate} = \frac{\text{No. of resident live births to mothers in a specific age group X 1000}}{\text{Total female population in specific age group (mid-year)}}$$

$$\text{Pregnancy Rate} = \frac{\text{No. of resident pregnancies X 1000}}{\text{Total resident female population (15-44)}}$$

$$\text{Age-Specific Pregnancy Rate} = \frac{\text{No. of resident pregnancies to women in a specific age group X 1000}}{\text{Total female population in specific age group (mid-year)}}$$

$$\text{Crude Death Rate} = \frac{\text{No. of resident deaths X 1000}}{\text{Total resident population (mid-year)}}$$

$$\text{Age-Specific Death Rate} = \frac{\text{No. of deaths in specific age group X 1000}}{\text{Total resident population in specific age group}}$$

$$\text{Marriage Rate} = \frac{\text{No. of marriages X 1000}}{\text{Total resident population (mid-year)}}$$

$$\text{Divorce Rate} = \frac{\text{No. of divorces and annulments X 1000}}{\text{Total resident population (mid-year)}}$$

$$\text{Infant Death Rate} = \frac{\text{No. of resident infant deaths X 1000}}{\text{Total resident live births}}$$

$$\text{Neonatal Death Rate} = \frac{\text{No. of resident neonatal deaths X 1000}}{\text{Total resident live births}}$$

$$\text{Fetal Death Rate} = \frac{\text{No. of resident fetal deaths X 1000}}{\text{Total resident live births and resident fetal deaths}}$$

$$\text{Perinatal Death Rate} = \frac{\text{No. of resident perinatal deaths X 1000}}{\text{Total resident live births and resident fetal deaths}}$$

$$\text{Abortion Ratio} = \frac{\text{No. of resident abortions X 1000}}{\text{Total resident live births}}$$

Age-adjusted Rates:

Age adjusting allows one to compare rates among populations having different age distributions by adjusting the crude rates in each population to a a standard population base. (In this bulletin, county rates are adjusted to the state population distribution). The computation formula is:

$$\text{The sum of } \frac{\text{Age specific rate for each age group} \times \text{Standard population in that age group}}{\text{Total standard population}} \times 1000$$

$$\text{Confidence interval at the 95 percent level} = \text{Rate per 1000} + 1.96 \sqrt{\frac{\text{Rate} \times (1000-\text{Rate})}{\text{Population}}}$$

CONFIDENCE INTERVALS CALCULATED AT VARIOUS RATES
AND POPULATION SIZES

Population Size	Rate per 1000 Population						
	5	10	20	40	100	200	500
25	28	39	55	77	118	157	196
50	20	28	39	54	83	111	139
100	14	19	27	38	59	78	98
200	10	14	19	27	42	55	69
400	7	10	14	19	29	39	49
800	5	7	10	14	21	28	35
1600	3	5	7	10	15	20	24
3200	2	3	5	7	10	14	17
6400	2	2	3	5	7	10	12
12800	1	2	2	3	5	7	9

Statistical Significance:

$$\text{Compute} + \sqrt{(\text{First confidence interval})^2 + (\text{Second confidence interval})^2}$$

If the interval obtained from this calculation does not include 0, then the difference is statistically significant at the 95 percent level.

Summary Statistics

SUMMARY OF 1989 VITAL EVENTS

	Occurrence Number	Residence	
		Number	Rate
Births	8,126	8,490	15.0/1,000 population
Deaths	4,683	4,577	8.1/1,000 population
Natural Increase		3,913	6.9/1,000 population
Infant Deaths	58	58	6.8/1,000 live births
Fetal Deaths	49	39	4.6/1,000 live births and fetal deaths
Abortions	3,297	2,292 [1]	
Marriages	6,151		10.8/1,000 population [2]
Divorces	2,524		4.5/1,000 population [2]

Estimated mid-year population: 567,000

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[1] Does not include out-of-state occurrences

[2] Based on number of occurrences

SUMMARY STATISTICS

In 1989, 24,829 vital events occurred in Vermont. In addition, 1,364 records from other states were added to the Vermont vital statistics system to complete resident data. These statistics include: 8,490 resident births; 4,577 resident deaths, of which 58 were infant deaths; 6,151 marriages; 2,524 divorces; 3,297 abortions, including 2,292 on Vermont residents.

In contrast to the 1960's and 1970's, which showed major increases or decreases in every vital event, the 1980's were characterized by stability. The live birth rate, which fell from 23.8 births per 1,000 population in 1960 to 14.0 in 1975, fluctuated between 14.6 and 15.4 in the 1980's, and settled at 15.0 in 1989.

The crude death rate, which was 11.2 per 1.000 population in 1960 and 10.0 in 1970, was 8.1 per 1,000 population in 1989. This rate varied between 8.4 and 9.0 since 1980. Leading causes of death remain heart disease, malignant neoplasms and cerebrovascular disease.

The resident infant death rate was 6.8 deaths per 1,000 live births in 1989. This is the second lowest infant mortality rate recorded in Vermont, 1988 having been lower. This rate was 24.0 in 1960, declining to 17.6 in 1970, 10.9 in 1980 and 6.5 in 1988. The fetal death rate, which was 12.3 per 1,000 live births and fetal deaths in 1960, was 4.6 in 1989. This rate has ranged between 4.6 and 6.7 since 1980.

The marriage rate was 10.8 per 1,000 population in 1989, an increase from the 1980 rate of 10.2, but a decrease from the 1988 rate of 11.0. There were only 8.3 marriages per 1,000 population in 1960. The 1989 divorce rate, 4.5 divorces per 1,000 population, was lower than the peak years of 1980 and 1982 (5.2 and 5.0 per 1,000 population), but well above the 1960's rate of 1.2.

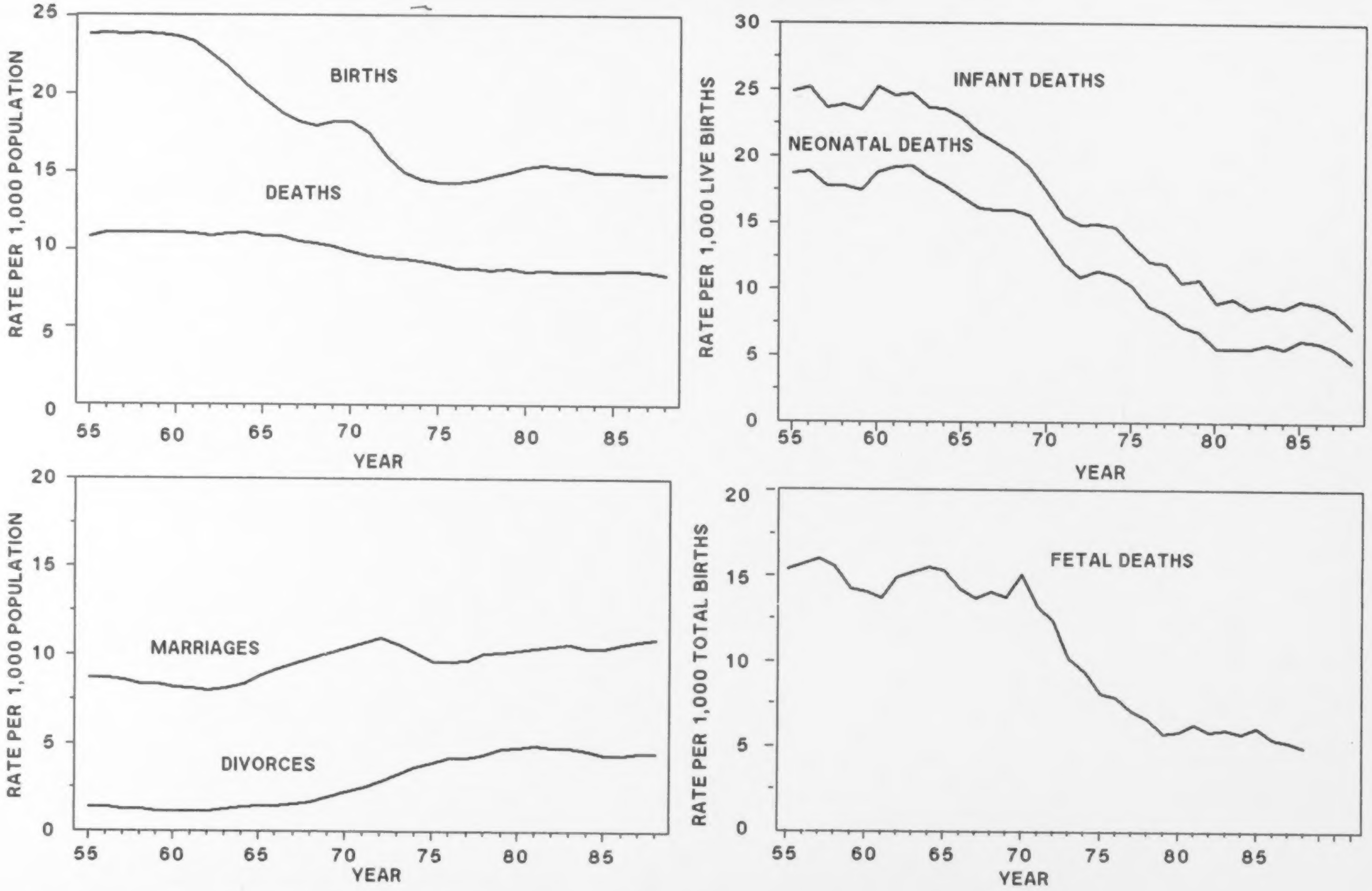
Vermont birth and divorce rates are similar to the most recent national data available. The Vermont infant mortality and crude death rates are lower, and the marriage rate higher, than the national rates.

In order to insure stability and eliminate small numbers biases, all rates in this report are based on populations of at least 1,000 persons. To do this, county and age cohorts of fewer than 1,000 people have been aggregated with adjoining groups. For a discussion of rate construction and small numbers analyses, please refer to the section "How to Be a Vital Statistician" in this Introduction.

Figure 2

SELECTED VITAL EVENT RATES, VERMONT, 1955-1989

THREE YEAR MOVING AVERAGES*



*THE MOVING AVERAGE FOR A GIVEN YEAR IS THE AVERAGE OF THE DATA FOR THAT YEAR AND THE 2 ADJACENT YEARS. NO AVERAGE IS CALCULATED FOR END YEARS. THIS TECHNIQUE ATTENUATES RANDOM VARIATION.

TABLE 1

VITAL STATISTICS SUMMARY OF VERMONT
1857 - 1989

YEAR	POPULATION1	LIVE BIRTHS NUMBER	CRUDE BIRTH RATE2	FERTILITY RATE3	PREGNANCIES NUMBER4	PREGNANCIES RATE3	DEATHS NUMBER	DEATHS RATE2	INFANT DEATHS NUMBER	INFANT DEATHS RATE5	NEONATAL DEATHS NUMBER	NEONATAL DEATHS RATE5	FETAL DEATHS NUMBER	FETAL DEATHS RATE6	MARRIAGES NUMBER	MARRIAGES RATE2	DIVORCES NUMBER	DIVORCES RATE2
1857*	315,098**	6538	#	#	6592	#	3458	#	450	#	UNKNOWN		54	#	1941	#	UNKNOWN	
1880*	332,286	6404	19.3	85.9	6632	89.0	5032	15.1	722	122.7	UNKNOWN		228	34.4	2697	8.1	129	0.4
1900*	343,641	7047	20.5	92.6	7356	96.6	5595	16.3	840	119.2	UNKNOWN		309	42.0	2905	8.5	235	0.7
1920*	352,428	7500	21.3	100.1	7778	103.8	5593	15.9	724	96.5	UNKNOWN		278	35.7	3720	10.6	541	1.5
1930*	359,611	6789	18.9	90.6	7004	93.5	4778	13.3	468	68.9	283	41.7	215	30.7	2866	8.0	372	1.0
1940*	359,231	6674	18.6	86.6	6874	89.2	4579	12.7	300	45.0	205	30.7	173	25.2	4906	13.7	428	1.2
1945*&	368,500	6569	17.8	83.0	6706	84.7	3943	10.7	225	34.2	146	16.4	143	16.1	3569	9.4	678	1.8
1950*	377,747	8754	23.2	110.8	8897	112.6	4170	11.0	217	24.8	144	16.4	143	16.1	3569	9.4	678	1.8
1955&	383,800	9200	24.0	122.1	9344	124.0	4167	10.8	243	26.4	187	20.3	144	15.4	3378	8.8	533	1.4
1960&	389,881	9279	23.8	126.0	9395	127.6	4382	11.2	223	24.0	173	18.6	116	12.3	3253	8.3	460	1.2
1965	408,500	7885	19.3	99.7	7993	101.5	4542	11.1	173	21.9	126	16.0	108	13.5	3646	8.9	591	1.4
1970&	444,732	8420	18.9	92.5	8532	93.7	4447	10.0	148	17.6	121	14.4	112	13.1	4517	10.1	1039	2.3
1975&	478,832	6714	14.0	63.6	8218	77.8	4255	8.9	92	13.7	70	10.4	55	8.1	4560	9.5	1958	4.1
1980	511,456	7783	15.2	63.3	10360	84.2	4588	9.0	85	10.9	48	6.2	46	5.9	5239	10.2	2638	5.2
1981&	515,700	7955	15.4	63.7	10567	84.6	4333	8.4	63	7.9	36	4.5	50	6.2	5249	10.2	2301	4.5
1982&	520,000	8028	15.4	63.3	10671	84.2	4479	8.6	75	9.3	49	6.1	54	6.7	5570	10.7	2620	5.0
1983	525,000	7950	15.1	61.8	10420	81.0	4579	8.7	69	8.7	49	6.2	37	4.6	5600	10.7	2575	4.9
1984	530,000	7940	15.0	60.9	10430	80.0	4508	8.5	70	8.8	44	5.5	53	6.3	5442	10.3	2354	4.4
1985	535,000	8027	15.0	60.5	10569	79.5	4657	8.7	68	8.5	42	5.2	50	6.2	5549	10.4	2355	4.4
1986	541,000	8097	15.0	60.4	10593	79.0	4760	8.8	83	10.3	63	7.8	44	5.4	5698	10.5	2410	4.5
1987	548,000	8124	14.8	59.8	10460	77.0	4770	8.7	68	8.4	42	5.2	41	5.0	5914	10.8	2426	4.4
1988	557,000	8116	14.6	58.3	10506	75.5	4660	8.4	53	6.5	32	3.9	44	5.4	6125	11.0	2588	4.6
1989	567,000	8490	15.0	59.6	10821	75.8	4577	8.1	58	6.8	40	4.7	39	4.6	6151	10.8	2524	4.5

1 Population is the census population for those years when the census was taken and is mid-year estimates for non-census years.
2 Rate per 1000 population.
3 Rate per 1000 women ages 15-44.
4 Number of pregnancies includes Live Births and Fetal Deaths for 1857-1972, and Live Births, Fetal Deaths and Abortions for 1973-present.
5 Rate per 1000 Live Births.
6 Rate per 1000 Live Births and Fetal Deaths.

* Data for these years is based on occurrence returns only.
** 1857 population is the 1860 census population.
# 1857 was the first year that town clerks were required to report vital events to the Secretary of State and returns for that year are incomplete.
& Population figures and rates for these years have been changed from older publications of this table to correspond to the census figures and revised mid-year estimates.
## Reporting requirements were changed and includes only those of 20 or more weeks gestation or weighing 400 or more grams.

TABLE 2

1989 ESTIMATED VERMONT POPULATION BY SEX, AGE, AND COUNTY

TOTAL

COUNTY	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
ADDISON	517	2161	4441	6216	5322	5242	3185	2356	1928	1056	369	32793
BENNINGTON	533	2243	4659	5322	6093	5374	3863	3427	2703	1879	643	36739
CALEDONIA	395	2014	3977	3985	4591	4363	2685	2393	2058	1216	399	28076
CHITTENDEN	2085	6861	15508	26457	27572	21014	13016	9363	5945	3429	1228	132478
ESSEX	84	511	977	854	1176	1016	687	640	539	308	87	6879
FRANKLIN	721	2803	5975	5587	6869	5949	3894	3258	2384	1341	526	39307
GRAND ISLE	89	400	778	698	966	869	553	466	386	210	62	5477
LAMOILLE	274	1251	2596	2979	3569	3268	1931	1370	1157	772	224	19391
ORANGE	354	1806	3827	3512	4470	3877	2415	1974	1668	1036	326	25265
ORLEANS	328	1809	3826	3306	3941	3626	2330	2033	1891	1060	412	24562
RUTLAND	845	3599	7868	8921	10918	9706	6280	5416	4780	2852	1080	62265
WASHINGTON	778	3512	7319	8390	9671	8832	5708	4637	3736	2444	880	55907
WINDHAM	586	2783	5436	5190	7313	6959	4116	3507	2892	1804	660	41246
WINDSOR	760	3356	6905	6857	10153	9237	6186	5113	4525	2604	919	56615
TOTAL	8349	35109	74092	88274	102624	89332	56849	45953	36592	22011	7815	567000

MALE

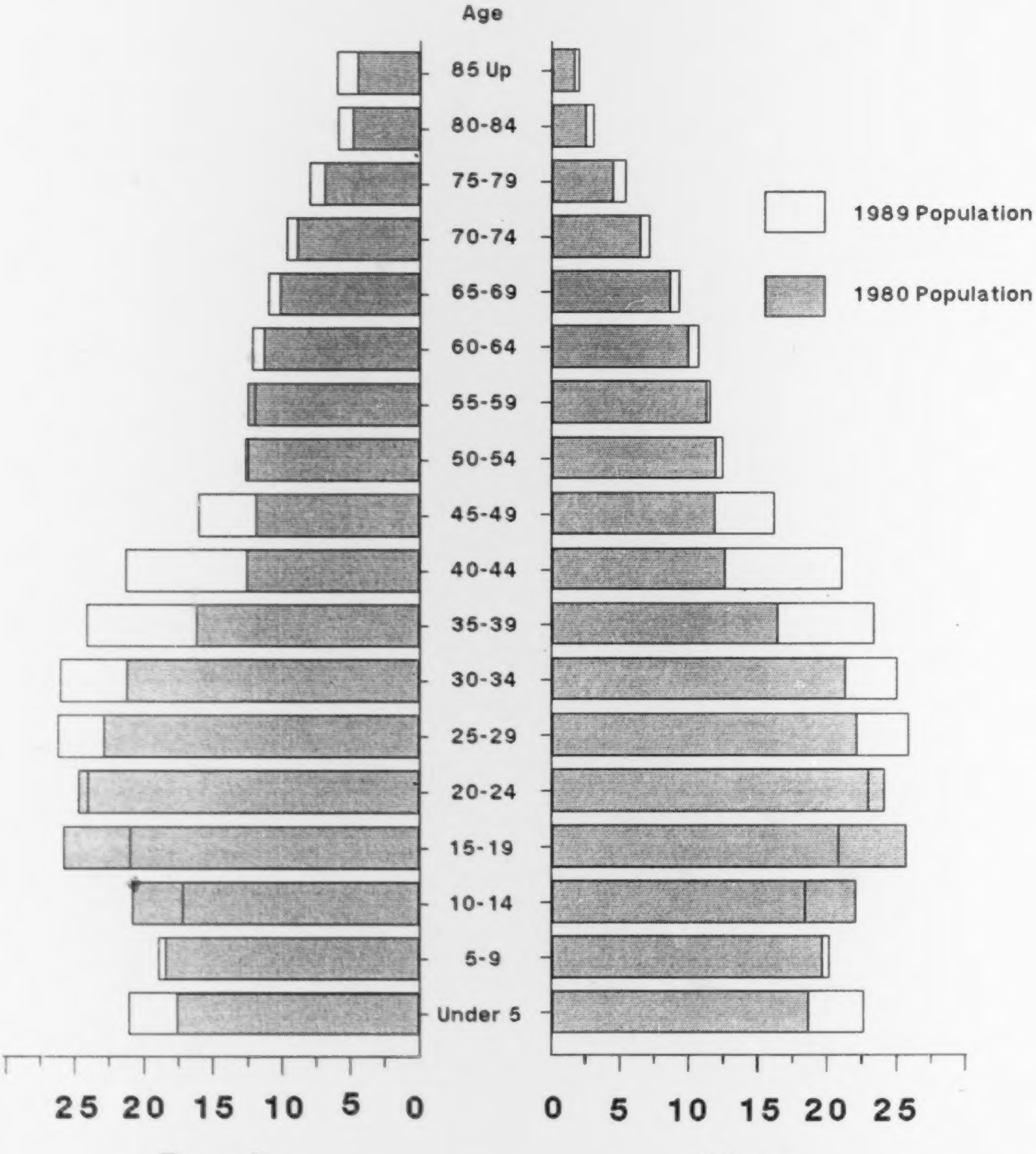
COUNTY	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
ADDISON	252	1138	2327	3147	2709	2628	1601	1148	874	443	115	16382
BENNINGTON	278	1132	2393	2556	3045	2641	1856	1648	1247	744	207	17747
CALEDONIA	190	1050	2098	2045	2295	2176	1357	1102	909	495	99	13816
CHITTENDEN	1056	3664	7927	12463	13646	10256	6488	4413	2540	1183	247	63883
ESSEX	41	254	486	450	560	529	350	307	246	131	29	3383
FRANKLIN	373	1423	3062	2721	3340	2978	1983	1542	1073	465	113	19073
GRAND ISLE	52	191	395	295	504	430	282	219	191	88	19	2666
LAMOILLE	148	612	1299	1522	1771	1647	962	665	530	268	39	9463
ORANGE	183	945	2013	1989	2189	1915	1183	969	756	421	102	12665
ORLEANS	176	934	1954	1660	1887	1819	1200	983	869	400	105	11987
RUTLAND	438	1832	4016	4178	5346	4855	3120	2615	2058	1055	268	29781
WASHINGTON	382	1840	3783	4388	4658	4276	2828	2159	1532	809	197	26852
WINDHAM	303	1449	2829	2529	3499	3355	2032	1674	1246	624	167	19707
WINDSOR	362	1767	3560	3458	5103	4586	3106	2505	2034	1053	190	27724
TOTAL	4234	18231	38142	43401	50552	44091	28348	21949	16105	8179	1897	275129

FEMALE

COUNTY	< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
ADDISON	265	1023	2114	3069	2613	2614	1584	1208	1054	613	254	16411
BENNINGTON	255	1111	2266	2766	3048	2733	2007	1779	1456	1135	436	18992
CALEDONIA	205	964	1879	1940	2296	2187	1328	1291	1149	721	300	14260
CHITTENDEN	1029	3197	7581	13994	13926	10758	6528	4950	3405	2246	981	68595
ESSEX	43	257	491	404	616	487	337	333	293	177	58	3496
FRANKLIN	348	1380	2913	2866	3529	2971	1911	1716	1311	876	413	20234
GRAND ISLE	37	209	383	403	462	439	271	247	195	122	43	2811
LAMOILLE	126	639	1297	1457	1798	1621	969	705	627	504	185	9928
ORANGE	171	861	1814	1523	2281	1962	1232	1005	912	615	224	12600
ORLEANS	152	875	1872	1646	2054	1807	1130	1050	1022	660	307	12575
RUTLAND	407	1767	3852	4743	5572	4851	3160	2801	2722	1797	812	32484
WASHINGTON	396	1672	3536	4002	5013	4556	2880	2478	2204	1635	683	29055
WINDHAM	283	1334	2607	2661	3814	3604	2084	1833	1646	1180	493	21539
WINDSOR	398	1589	3345	3399	5050	4651	3080	2608	2491	1551	729	28891
TOTAL	4115	16878	35950	44873	52072	45241	28501	24004	20487	13832	5918	291871

Figure 3

VERMONT POPULATION BY AGE AND SEX, 1989



Population in Thousands

1989 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY TOWN OF RESIDENCE & OCCURRENCE

	1989 ESTIMATED POPULATION	NUMBER OF BIRTHS		NUMBER OF DEATHS		NUMBER OF MARRIAGES			NUMBER OF DIVORCES	
		TO TOWN RESIDENTS	OCCURRING IN TOWN	TO TOWN RESIDENTS	OCCURRING IN TOWN	TO RESIDENT GROOMS	TO RESIDENT BRIDES	OCCURRING IN TOWN	TO RESIDENT HUSBANDS	TO RESIDENT WIVES
STATE TOTALS	567000	8490	8126	4577	4683	4547	4699	6151	2256 #	2313 #
ADDISON COUNTY	32793	520	492	227	154	268	277	332	120	144
ADDISON	1006	13	0	8	3	9	11	8	2	1
BRIDPORT	1078	27	1	5	0	10	9	10	2	5
BRISTOL	3773	72	5	28	10	41	43	32	18	22
CORNWALL	1145	19	0	1	0	8	10	4	5	3
FERRISBURG	2304	37	1	17	6	24	22	30	11	9
GOSHEN	205	0	0	0	0	0	0	3	2	2
GRANVILLE	289	9	0	1	0	3	2	3	1	1
HANCOCK	320	1	0	4	0	2	2	3	3	1
LEICESTER	844	12	0	5	1	3	2	10	4	5
LINCOLN	964	15	1	4	1	7	7	14	6	3
MIDDLEBURY	7982	93	478	50	99	51	54	89	20	35
MONKTON	1406	30	2	5	1	7	7	9	3	4
NEW HAVEN	1331	28	0	5	6	13	13	18	5	6
ORWELL	999	15	0	9	3	11	11	8	5	4
PANTON	612	6	0	9	6	4	5	6	1	1
RIPTON	426	6	1	6	2	4	3	12	4	3
SALISBURY	971	12	0	7	0	8	10	8	4	4
SHOREHAM	1076	16	0	7	0	8	10	8	5	3
STARKSBORO	1734	37	1	11	3	20	19	11	3	8
VERGENNES	2759	52	1	32	11	31	31	41	12	17
WALTHAM	461	8	0	6	0	1	2	1	0	1
WEYBRIDGE	717	6	0	6	2	2	3	4	3	4
WHITING	391	6	1	1	0	1	1	0	1	2
BENNINGTON COUNTY	36739	523	532	382	419	260	279	499	125	133
ARLINGTON	2282	39	0	25	6	15	21	50	6	3
BENNINGTON	16869	260	532	213	365	134	139	217	67	75
DORSET	1969	17	0	25	10	14	15	34	7	4
LANDGROVE	140	1	0	0	0	1	2	6	0	2
MANCHESTER	3777	62	0	39	14	33	38	109	12	13
PERU	375	1	0	3	1	4	3	10	1	0
POWNAL	3492	56	0	24	8	23	29	25	6	6
READSBORO	881	15	0	9	2	3	2	7	4	3
RUPERT	640	7	0	3	0	3	2	4	1	1
SANDGATE	263	2	0	3	1	2	2	1	3	2
SEARSBURG	77	1	0	1	1	1	1	0	0	1
SHAFTSBURY	3401	28	0	19	7	18	18	23	10	15
STAMFORD	861	11	0	5	1	2	1	9	2	2
SUNDERLAND	876	13	0	4	0	4	4	3	3	4
WINHALL	480	8	0	3	1	2	1	1	2	2
WOODFORD	356	2	0	6	2	1	1	0	1	0
GLASTENBURY *	3	0	0	0	0	0	0	0	0	0

TABLE 3

1989 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY TOWN OF RESIDENCE & OCCURRENCE

	1989 ESTIMATED POPULATION	NUMBER OF BIRTHS TO TOWN RESIDENTS	NUMBER OF BIRTHS OCCURRING IN TOWN	NUMBER OF DEATHS TO TOWN RESIDENTS	NUMBER OF DEATHS OCCURRING IN TOWN	NUMBER OF MARRIAGES TO RESIDENT GROOMS	NUMBER OF MARRIAGES TO RESIDENT BRIDES	NUMBER OF MARRIAGES OCCURRING IN TOWN	NUMBER OF DIVORCES TO RESIDENT HUSBANDS	NUMBER OF DIVORCES TO RESIDENT WIVES
CALEDONIA COUNTY	28076	419	355	227	173	206	206	275	127	126
BARNET	1403	12	2	12	4	6	8	15	5	2
BURKE	1760	27	0	4	0	14	11	18	11	9
DANVILLE	1870	35	1	13	3	12	10	28	11	12
GROTON	771	21	1	5	3	10	7	9	6	6
HARDWICK	2711	51	1	33	8	27	29	31	8	13
KIRBY	368	5	1	1	1	4	5	1	1	1
LYNDON	5412	71	1	45	27	48	50	56	24	18
NEWARK	320	4	2	2	0	1	2	2	1	2
PEACHAM	652	12	1	4	2	1	0	6	1	1
RYEGATE	1098	18	0	8	3	3	2	6	8	7
SHEFFIELD	502	9	1	3	1	1	2	6	3	3
ST. JOHNSBURY	7956	123	344	79	115	54	59	72	39	44
STANNARD	160	0	0	1	1	1	1	2	0	1
SUTTON	742	10	0	5	1	7	8	6	1	1
WALDEN	768	6	0	5	4	5	5	4	3	2
WATERFORD	1066	9	0	7	0	8	5	11	2	2
WHEELOCK	517	6	0	0	0	4	2	2	3	2
CHITTENDEN COUNTY	132478	2082	2931	778	1132	1144	1167	1221	553	571
BOLTON	864	27	0	7	3	10	10	0	2	2
BURLINGTON	38296	513	2908	304	856	346	356	429	141	155
CHARLOTTE	3183	62	1	14	4	23	22	33	12	9
COLCHESTER	15356	223	5	70	178	146	147	123	60	57
ESSEX	16704	261	4	72	17	138	134	126	63	81
HINESBURG	3574	102	4	18	2	43	45	31	18	16
HUNTINGTON	1502	27	0	5	0	17	15	13	10	5
JERICHO	4271	72	2	25	9	27	22	25	11	11
MILTON	8673	175	1	36	6	61	59	59	57	41
RICHMOND	3695	79	0	15	3	24	21	49	29	28
SHELBURNE	6054	71	1	30	14	34	37	49	27	33
SOUTH BURLINGTON	12955	159	2	70	19	114	128	118	46	55
ST. GEORGE	723	17	0	2	0	6	6	4	2	5
UNDERHILL	2941	55	0	13	3	16	15	17	13	14
WESTFORD	1726	38	0	8	3	11	12	8	4	2
WILLISTON	4966	70	2	32	6	40	43	68	20	18
WINOOSKI	6995	131	1	57	9	87	94	68	38	39
BUEL'S GORE *	9	0	0	0	0	1	1	1	0	0

TABLE 3

1989 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY
TOWN OF RESIDENCE & OCCURRENCE

	1989 ESTIMATED POPULATION	NUMBER OF BIRTHS		NUMBER OF DEATHS		NUMBER OF MARRIAGES			NUMBER OF DIVORCES TO RESIDENT	
		TO TOWN RESIDENTS	OCCURRING IN TOWN	TO TOWN RESIDENTS	OCCURRING IN TOWN	TO RESIDENT GROOMS	TO RESIDENT BRIDES	OCCURRING IN TOWN	HUSBANDS	WIVES
ESSEX COUNTY	6879	85	1	58	10	37	37	49	10	10
BLOOMFIELD	264	2	0	1	0	1	1	0	0	0
BRIGHTON	1680	16	1	18	2	13	16	24	2	2
BRUNSWICK	108	1	0	0	0	0	0	1	0	0
CANAAN	1190	17	0	9	2	3	2	2	2	2
CONCORD	1252	15	0	7	4	7	6	5	1	3
EAST HAVEN	285	4	0	3	0	3	4	0	0	1
GRANBY	80	1	0	0	0	1	0	3	0	0
GUILDHALL	224	2	0	4	1	0	0	1	0	0
LEMINGTON	112	1	0	1	0	0	0	0	0	0
LUNENBURG	1318	18	0	10	0	6	5	9	5	2
MAIDSTONE	112	1	0	2	0	1	1	1	0	0
NORTON	188	6	0	3	1	2	1	2	0	0
VICTORY	66	1	0	0	0	0	0	0	0	0
AVERILL *	18	0	0	0	0	0	1	1	0	0
FERDINAND *	13	0	0	0	0	0	0	0	0	0
FRANKLIN COUNTY	39307	709	388	334	254	316	330	365	121	110
BAKERSFIELD	966	18	0	5	1	2	6	4	2	1
BERKSHIRE	1224	17	0	4	0	7	6	1	3	3
ENOSBURG	2249	46	1	29	7	20	20	30	11	9
FAIRFAX	2303	47	2	13	0	16	15	15	6	6
FAIRFIELD	1698	27	0	7	0	15	12	15	1	2
FLETCHER	791	13	1	4	0	7	7	6	3	1
FRANKLIN	1025	18	0	10	3	10	5	13	1	2
GEORGIA	3593	77	1	13	2	21	27	27	7	7
HIGHGATE	2907	60	0	18	4	23	28	22	5	8
MONTGOMERY	749	6	0	10	2	6	7	13	4	2
RICHFORD	2189	32	0	33	6	16	17	23	4	3
SHELDON	1860	33	0	9	0	11	11	13	3	3
ST. ALBANS TOWN	4496	55	2	43	55	32	36	22	4	3
ST. ALBANS CITY	7445	160	380	98	159	79	85	117	46	42
SWANTON	5812	100	1	38	15	51	48	44	21	18

1989 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY
TOWN OF RESIDENCE & OCCURRENCE

	1989 ESTIMATED POPULATION	NUMBER OF BIRTHS		NUMBER OF DEATHS		NUMBER OF MARRIAGES			NUMBER OF DIVORCES TO RESIDENT	
		TO TOWN RESIDENTS	OCCURRING IN TOWN	TO TOWN RESIDENTS	OCCURRING IN TOWN	TO RESIDENT GROOMS	TO RESIDENT BRIDES	OCCURRING IN TOWN	HUSBANDS	WIVES
GRAND ISLE COUNTY	5477	96	2	46	13	51	49	72	17	21
ALBURG	1458	26	1	14	4	18	14	12	4	6
GRAND ISLE	1595	26	1	12	2	14	13	12	9	10
ISLE LA MOTTE	464	8	0	5	0	5	4	17	1	0
NORTH HERO	570	7	0	4	4	4	7	12	2	2
SOUTH HERO	1390	29	0	11	3	10	11	19	1	3
LAMOILLE COUNTY	19391	327	339	144	164	166	170	317	85	99
BELVIDERE	243	3	0	2	0	3	2	1	3	2
CAMBRIDGE	2569	58	2	21	5	23	21	23	12	8
EDEN	753	15	0	5	2	2	2	3	3	3
ELMORE	526	9	0	5	1	2	4	2	0	3
HYDE PARK	2236	34	0	19	8	21	23	25	8	15
JOHNSON	3010	41	0	17	6	27	27	12	10	8
MORRISTOWN	4746	87	335	50	137	42	42	55	24	28
STOWE	3590	48	1	14	3	27	31	178	16	23
WATERVILLE	540	13	0	5	0	4	6	11	0	3
WOLCOTT	1178	19	1	6	2	15	12	7	9	6
ORANGE COUNTY	25265	374	399	202	154	178	199	245	102	99
BRADFORD	2627	38	4	36	33	18	17	27	8	14
BRAINTREE	1112	13	0	9	2	4	6	5	3	1
BROOKFIELD	1044	10	0	10	1	6	6	10	5	5
CHELSEA	1137	13	0	8	5	4	5	9	4	3
CORINTH	1042	22	0	13	2	5	7	6	4	4
FAIRLEE	929	20	0	4	0	2	2	8	3	2
NEWBURY	1819	20	0	14	6	13	17	25	7	6
ORANGE	845	14	1	4	3	4	4	4	0	0
RANDOLPH	4861	79	387	42	79	36	39	48	22	22
STRAFFORD	994	15	4	6	2	11	11	15	5	3
THETFORD	2498	51	2	15	4	16	15	25	14	11
TOPSHAM	902	11	0	6	2	1	4	10	1	2
TUNBRIDGE	1058	14	0	14	8	14	17	12	6	3
VERSHIRE	517	1	0	2	0	2	4	1	1	2
WASHINGTON	922	12	1	2	1	10	8	5	3	4
WEST FAIRLEE	503	5	0	1	0	2	4	2	3	3
WILLIAMSTOWN	2455	36	0	16	6	30	33	33	13	14

TABLE 3

1989 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY TOWN OF RESIDENCE & OCCURRENCE

	1989 ESTIMATED POPULATION	NUMBER OF BIRTHS		NUMBER OF DEATHS		NUMBER OF MARRIAGES			NUMBER OF DIVORCES TO RESIDENT	
		TO TOWN RESIDENTS	OCCURRING IN TOWN	TO TOWN RESIDENTS	OCCURRING IN TOWN	TO RESIDENT GROOMS	TO RESIDENT BRIDES	OCCURRING IN TOWN	HUSBANDS	WIVES
ORLEANS COUNTY	24562	353	312	269	254	202	221	307	93	90
ALBANY	812	14	0	4	0	6	6	6	1	0
BARTON	2976	44	0	50	24	27	30	46	13	11
BROWNINGTON	791	8	0	6	1	8	10	9	3	1
CHARLESTON	872	9	0	6	2	3	5	6	4	4
COVENTRY	783	5	0	5	2	5	4	8	1	0
CRAFTSBURY	853	19	0	7	0	9	7	21	2	3
DERBY	4575	68	2	41	22	41	40	49	17	18
GLOVER	893	9	0	16	12	3	5	7	3	4
GREENSBORO	725	10	0	5	10	5	6	15	5	2
HOLLAND	517	3	0	1	1	7	8	5	1	2
IRASBURG	959	15	0	7	3	6	8	5	4	4
JAY	355	6	0	2	1	1	2	3	1	1
LOWELL	580	11	1	6	2	8	8	9	2	3
MORGAN	525	6	0	9	5	3	1	3	1	2
NEWPORT CITY	4609	71	308	70	161	49	57	82	26	27
NEWPORT TOWN	1506	26	1	12	1	10	14	11	3	2
TROY	1476	23	0	11	4	7	5	12	3	6
WESTFIELD	460	4	0	6	1	2	2	2	2	0
WESTMORE	295	2	0	5	2	2	3	8	1	0
RUTLAND COUNTY	62265	895	908	555	576	506	515	652	269	281
BENSON	915	16	0	10	1	5	5	8	3	3
BRANDON	4454	74	0	28	11	29	29	36	14	23
CASTLETON	3814	43	0	27	8	30	31	29	22	26
CHITTENDEN	1096	12	0	5	0	6	4	20	8	8
CLARENDON	2823	28	0	5	3	31	32	21	6	10
DANBY	1099	20	1	9	2	6	5	8	3	5
FAIR HAVEN	2891	49	2	34	15	23	27	45	11	17
HUBBARDTON	583	4	0	4	1	5	7	2	2	1
IRA	394	2	0	3	1	3	3	1	0	0
MENDON	1230	4	0	4	2	4	7	25	1	0
MIDDLETOWN SPRINGS	659	19	0	9	4	5	6	8	2	4
MOUNT HOLLY	998	14	0	4	0	7	7	11	4	5
MOUNT TABOR	187	0	0	5	1	3	4	0	0	0
PAWLET	1273	21	1	13	2	9	8	6	8	7
PITTSFIELD	445	7	0	1	0	4	3	4	1	0
PITTSFORD	2938	47	0	14	6	18	14	11	21	17
POULTNEY	3428	58	3	31	10	27	25	33	13	16
PROCTOR	1904	30	0	24	7	19	21	32	5	8
RUTLAND CITY	18552	315	901	229	482	179	186	222	108	97
RUTLAND TOWN	3758	12	0	25	4	15	16	7	6	3
SHERBURNE	938	7	0	2	0	7	6	35	1	2
SHREWSBURY	1101	14	0	6	2	4	5	12	8	9
SUDBURY	420	7	0	3	2	5	4	3	1	1
TINMOUTH	439	1	0	3	2	6	4	7	3	3
WALLINGFORD	2112	29	0	17	2	26	27	32	4	6
WELLS	995	11	0	5	0	6	4	7	3	2
WEST HAVEN	293	1	0	1	0	4	3	8	2	0
WEST RUTLAND	2526	50	0	34	8	20	22	19	9	8

TABLE 3

1989 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY
TOWN OF RESIDENCE & OCCURRENCE

	1989 ESTIMATED POPULATION	NUMBER OF BIRTHS		NUMBER OF DEATHS		NUMBER OF MARRIAGES			NUMBER OF DIVORCES	
		TO TOWN RESIDENTS	OCCURRING IN TOWN	TO TOWN RESIDENTS	OCCURRING IN TOWN	TO RESIDENT GROOMS	TO RESIDENT BRIDES	OCCURRING IN TOWN	TO RESIDENT HUSBANDS	TO RESIDENT WIVES
WASHINGTON COUNTY	55907	780	665	485	488	503	514	588	200	187
BARRE TOWN	7170	78	0	49	19	45	52	33	16	9
BARRE CITY	9956	191	1	133	96	111	119	123	51	56
BERLIN	2695	29	649	37	263	24	21	21	5	4
CABOT	998	12	0	11	5	8	6	14	1	3
CALAIS	1438	26	2	6	3	12	13	27	0	1
DUXBURY	1010	17	1	5	0	10	7	9	1	3
EAST MONTPELIER	2330	27	0	15	3	10	9	18	6	3
FAYSTON	899	9	0	3	1	7	9	11	2	1
MARSHFIELD	1414	18	2	6	4	24	22	11	5	3
MIDDLESEX	1445	15	1	5	1	10	10	2	6	3
MONTPELIER	8540	104	2	78	38	77	83	107	36	34
MORETOWN	1396	20	2	4	2	10	7	13	7	9
NORTHFIELD	5927	62	1	44	22	41	43	49	21	19
PLAINFIELD	1284	25	1	12	4	18	17	23	6	8
ROXBURY	529	5	0	3	0	5	2	6	1	0
WAITSFIELD	1318	29	1	13	0	19	20	28	4	4
WARREN	1242	14	1	4	2	14	12	24	6	5
WATERBURY	4729	69	0	45	21	43	48	55	23	19
WOODBURY	737	15	0	8	3	6	6	6	2	2
WORCESTER	850	15	1	4	1	9	8	8	1	1
WINDHAM COUNTY	41246	567	544	379	372	348	364	581	202	200
ATHENS	286	6	0	1	0	1	1	4	0	1
BRATTLEBORO	12707	166	464	147	219	103	115	187	69	70
BROOKLINE	355	3	0	1	0	3	2	7	1	0
DOVER	934	15	1	3	2	16	15	27	6	5
DUMMERSTON	1818	23	1	18	4	15	15	26	8	8
GRAFTON	639	5	0	2	0	5	3	12	3	2
GUILFORD	1659	20	0	12	6	20	20	30	10	10
HALIFAX	529	12	0	3	2	2	1	6	4	2
JAMAICA	731	9	0	7	4	11	9	6	3	4
LONDONDERRY	1626	25	0	14	4	16	20	20	5	7
MARLBORO	901	9	0	3	0	3	2	8	3	4
NEWFANE	1418	16	0	9	2	14	15	35	7	8
PUTNEY	2364	36	0	10	3	20	22	20	6	12
ROCKINGHAM	5704	81	40	67	62	42	42	54	33	29
STRATTON	180	4	0	4	4	4	4	15	2	0
TOWNSHEND	940	13	29	8	23	6	4	12	6	4
VERNON	1538	24	0	28	25	9	9	14	11	9
WARDSBORO	573	5	0	7	3	8	11	9	1	3
WESTMINSTER	2723	42	6	21	3	15	18	14	10	11
WHITINGHAM	1134	19	2	4	2	10	11	15	3	2
WILMINGTON	2195	34	1	8	3	24	24	55	11	8
WINDHAM	292	0	0	2	1	1	1	4	0	1
SOMERSET *	2	0	0	0	0	0	0	1	0	0

1989 VERMONT VITAL STATISTICS
SELECTED STATISTICS BY
TOWN OF RESIDENCE & OCCURRENCE

	1989 ESTIMATED POPULATION	NUMBER OF BIRTHS		NUMBER OF DEATHS		NUMBER OF MARRIAGES			NUMBER OF DIVORCES	
		TO TOWN RESIDENTS	OCCURRING IN TOWN	TO TOWN RESIDENTS	OCCURRING IN TOWN	TO RESIDENT GROOMS	TO RESIDENT BRIDES	OCCURRING IN TOWN	TO RESIDENT HUSBANDS	TO RESIDENT WIVES
WINDSOR COUNTY	56615	760	258	491	520	362	371	648	211	224
ANDOVER	392	7	3	1	0	1	1	1	1	0
BALTIMORE	186	0	0	0	0	1	1	1	1	1
BARNARD	964	7	0	7	1	2	2	10	2	2
BETHEL	1803	26	2	18	9	17	14	21	9	8
BRIDGEWATER	933	13	0	7	2	6	8	10	4	3
CAVENDISH	1457	15	0	11	1	13	10	11	5	3
CHESTER	3062	32	0	22	6	12	8	26	16	20
HARTFORD	9613	156	1	76	209	67	70	110	27	37
HARTLAND	2828	49	0	19	6	21	18	22	10	11
LUDLOW	2511	32	0	38	21	23	23	34	13	16
NORWICH	2960	53	4	19	3	9	8	24	11	7
PLYMOUTH	420	3	0	6	1	6	7	40	2	0
POMFRET	938	10	0	4	0	4	8	7	2	2
READING	685	7	0	6	2	5	4	8	3	2
ROCHESTER	1120	16	0	7	4	6	6	9	10	12
ROYALTON	2378	49	1	21	6	20	20	23	15	13
SHARON	1149	20	0	8	4	9	10	11	3	5
SPRINGFIELD	10554	122	245	97	154	62	61	77	31	36
STOCKBRIDGE	567	8	0	3	1	2	2	3	1	0
WEATHERSFIELD	2711	22	2	28	4	16	22	46	6	8
WESTON	755	7	0	9	3	6	7	9	2	1
WEST WINDSOR	825	5	0	5	3	6	4	13	7	7
WINDSOR	4213	69	0	45	63	23	29	34	15	11
WOODSTOCK	3591	32	0	34	17	25	28	98	15	19

* BECAUSE OF LIMITED DATA, THE UNORGANIZED TOWNSHIPS ARE NOT INCLUDED IN THE COUNTY AND STATE TOTALS FOR 1989.

# THESE TOTALS INCLUDE 21 RESIDENT HUSBANDS OF UNKNOWN RESIDENCE, AND 18 RESIDENT WIVES OF UNKNOWN RESIDENCE.

Births

1989 BIRTHS

NAMES MOST FREQUENTLY GIVEN *

FEMALES

1.	JESSICA	107
2.	ASHLEY	99
3.	AMANDA	97
4.	MEGAN	89
	SAMANTHA	89
5.	SARAH	86
6.	BRITTANY	77
7.	NICOLE	64
8.	ELIZABETH	63
9.	EMILY	61
	JENNIFER	61
10.	DANIELLE	59

MALES

1.	MICHAEL	150
2.	JOSHUA	137
3.	CHRISTOPHER	126
4.	MATTHEW	99
5.	KYLE	94
	TYLER	94
6.	RYAN	89
7.	JUSTIN	88
8.	NICHOLAS	82
9.	ANDREW	80
10.	BENJAMIN	74

* Spellings may vary.

BIRTHS

In 1989, 8490 babies were born to Vermont residents, an increase of 374 births from last year and the highest number since 1960 when 9279 babies were born. The birth rate was 15.0 per 1000 Vermont residents, up slightly from 14.6 in 1988. The U.S. white birth rate was 14.7 in 1988, the most recent year for which rates are available. The Vermont birth rate has been virtually unchanged since 1980, ranging between 14.6 and 15.4 per 1000 population.

The crude birth rate reflects the relationship between the total resident live births and the total resident population. A more exact method for measuring changing birth patterns is the fertility rate which relates the number of live births to the population of women, ages 15 through 44. Birth rate and fertility rate are both based on the number of live births. Pregnancy rates, on the other hand, include fetal deaths and abortions as well as live births.

The fertility rate of 59.6 per 1000 women ages 15 to 44 is up slightly from the 1988 rate of 58.3. The U.S. white fertility rate was 63.0 in 1988. The fertility rate in Vermont peaked in 1960 at 126, declined rapidly through the 1960's and 1970's and has continued to decline slowly since 1980 when it was 63.3.

More than half of all births (58.2%) were to women in their twenties, down slightly from 58.6 percent in 1988 and a large decrease from 66.2 percent in 1980. Women 30 and over accounted for 33.2 percent of births, up from 32.5 percent in 1988 and 21 percent in 1980. Women 15 to 19 accounted for 8.6 percent of births, down slightly from 8.9 percent in 1988 and down from 12.7 percent in 1980.

The age-specific fertility rate is useful in identifying trends. It relates the number of live births in each maternal age category to the total population of women in that age group. The age-specific fertility rate for Vermont women ages 15 to 19 in 1989 is 34.8, up slightly from 33.8 in 1988 and down from 38.5 in 1980. The fertility rate for women ages 20 to 24 increased from 86.9 in 1988 to 91.9 in 1989, reversing the trend of this decade (110.9 in 1980). The fertility rate for women ages 25 to 29 was 104.4, up from 102.8 in 1988 and 102.9 in 1980. The fertility rate for women ages 30 to 34 increased from 74.4 to 76.1 returning to the general trend in this decade. The fertility rate for women ages 35 to 44 has been steadily increasing this decade from 12.5 in 1980 to 18.1 in 1988 and 18.6 in 1989.

First births accounted for 40.7 percent of all births. Among women ages 30 and older, 28.1 percent were first births, as compared to 27.4 percent in 1988 and 22.9 percent in 1980.

The educational levels of Vermont mothers has increased since 1980. Only 12.5 percent had less than a high school education in 1989, as compared to 15.7 percent in 1980. This year 24.1 percent were college graduates compared to 19.4 percent in 1980.

A subgroup of infants of major importance is low birthweight infants weighing less than 2500 grams (5 pounds 8 ounces) at birth. Such infants are more likely to die in the first year of life and are at significantly greater risk of growth problems and developmental delays. In 1989, 5.4 percent of Vermont resident births were low birth weight, compared to 5.1 percent in 1988 and 6.0 percent in 1980. Women ages 40 to 44 had the largest proportion of low birth weight babies (12.4%), while women ages 25 to 34 were least likely to have a low birth weight baby (4.8%).

In 1989, 81 percent of Vermont mothers began prenatal care in the first three months of pregnancy, an increase from 80.8 percent in 1988 and 78.7 percent in 1987[1] In 1988, the most recent year for which data are available, 79.4 percent of U.S. white mothers began prenatal care in the first trimester. The proportion of Vermont mothers delaying care to the third trimester, or receiving no prenatal care in 1989 was 3.5 percent, down slightly from 3.6 percent in 1988. Delayed or no prenatal care was 5.0 percent for U.S. white mothers in 1988.

The age of the mother is closely associated with the time of entry to prenatal care. Only 61.3 percent of women ages 15 to 19 began care in the first trimester and 7.6 delayed care until the third trimester or received no prenatal care. Among women ages 20 to 24 years, 75.2 percent received care in the first trimester and 4.6 percent had delayed or no care. Among women ages 25 to 29, 84.6 percent entered care in the first trimester and 2.7 percent entered care late or not at all. Among women ages 30 or older, 87.0 percent received care in the first trimester and 2.1 percent received delayed or no care.

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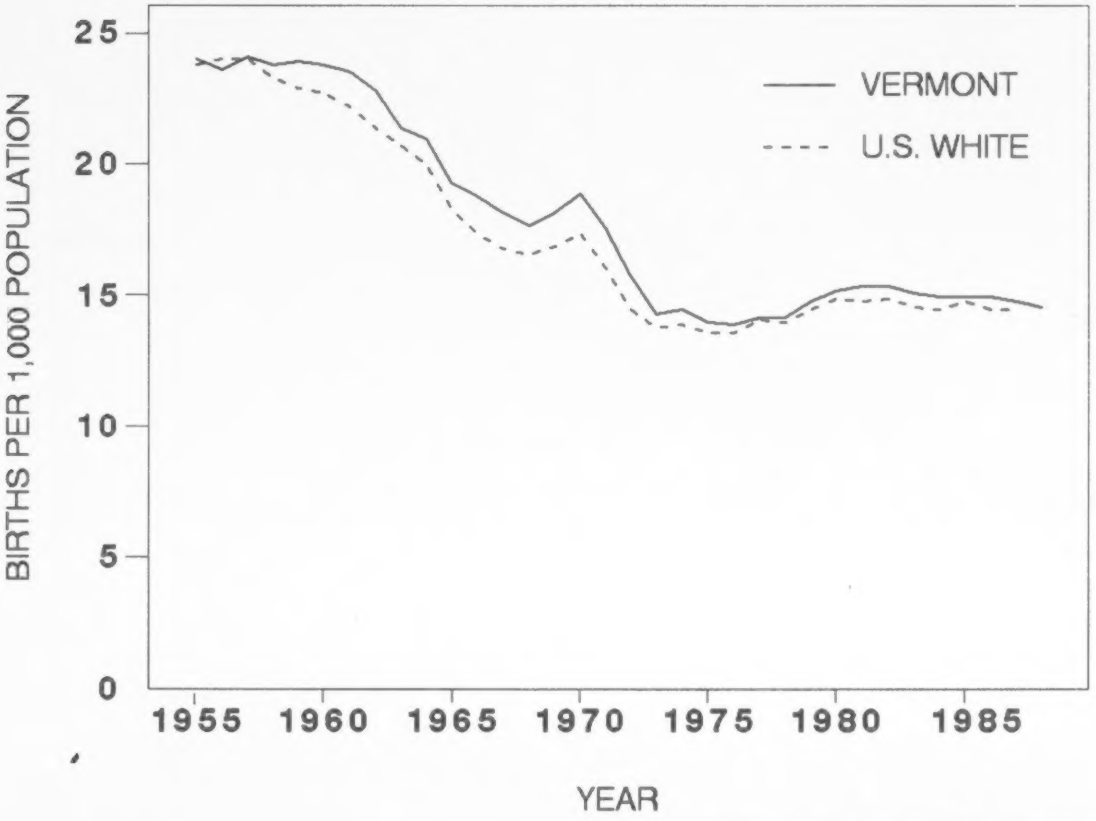
[1] See Appendix B for a description of the current method used for determining month prenatal care began.

Figure 4

VERMONT AND U.S. WHITE BIRTH RATES, 1955-1989



U.S. RATE FOR 1989 NOT AVAILABLE

TABLE 4

GEOGRAPHIC DISTRIBUTION OF 1989 VERMONT BIRTHS

BIRTHS OCCURRING IN VERMONT

STATE OF RESIDENCE	NUMBER
CALIFORNIA	2
CONNECTICUT	5
DELAWARE	1
FLORIDA	3
MARYLAND	1
MASSACHUSETTS	35
NEW HAMPSHIRE	169
NEW JERSEY	3
NEW YORK	345
NORTH CAROLINA	1
PENNSYLVANIA	1
TEXAS	2
VERMONT	7555
VIRGIN ISLANDS	2
CANADA	1
TOTAL	8126

VERMONT RESIDENT BIRTHS

STATE OF BIRTH	NUMBER
ARKANSAS	1
CALIFORNIA	1
COLORADO	1
KANSAS	1
MAINE	1
MARYLAND	3
MASSACHUSETTS	124
MISSISSIPPI	1
NEW HAMPSHIRE	749
NEW YORK	44
OHIO	1
PENNSYLVANIA	2
RHODE ISLAND	2
SOUTH CAROLINA	1
VERMONT	7555
WASHINGTON D.C.	1
CANADA	2
TOTAL	8490

TABLE 5
1989 VERMONT RESIDENT BIRTHS

SEX BY MONTH OF BIRTH
NUMBER OF EVENTS AND ROW PERCENTS

SEX

	NUMBER OF EVENTS			ROW PERCENTS		
MONTH	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
JANUARY	367	307	674	54.5	45.5	100.00
FEBRUARY	306	283	589	52.0	48.0	100.00
MARCH	379	386	765	49.5	50.5	100.00
APRIL	343	385	728	47.1	52.9	100.00
MAY	378	377	755	50.1	49.9	100.00
JUNE	414	349	763	54.3	45.7	100.00
JULY	410	355	765	53.6	46.4	100.00
AUGUST	380	363	743	51.1	48.9	100.00
SEPTEMBER	366	355	721	50.8	49.2	100.00
OCTOBER	339	342	681	49.8	50.2	100.00
NOVEMBER	339	287	626	54.2	45.8	100.00
DECEMBER	348	332	680	51.2	48.8	100.00
TOTAL	4369	4121	8490	51.5	48.5	100.00

TABLE 6
1989 VERMONT RESIDENT BIRTHS

SELECTED CHARACTERISTICS BY AGE OF MOTHER

AGE OF MOTHER	TOTAL	SEX		MOTHER MARRIED		PLURALITY *			NUMBER OF PREVIOUS LIVE BIRTHS				
		MALE	FEMALE	YES	NO	SINGLE	TWIN	TRIPLET	NONE	ONE	TWO	THREE+	UNKNOWN
<15 YEARS	3	1	2	0	3	3	0	0	3	0	0	0	0
15 YEARS	20	10	10	3	17	20	0	0	19	0	0	0	1
16 YEARS	58	26	32	4	54	58	0	0	53	2	0	0	3
17 YEARS	127	69	58	20	107	125	2	0	108	12	0	0	7
18 YEARS	207	116	91	75	132	205	2	0	153	42	4	0	8
19 YEARS	316	177	139	144	172	312	4	0	227	64	9	0	16
(15-19 YRS)	(728)	(398)	(330)	(246)	(482)	(720)	(8)	(0)	(560)	(120)	(13)	(0)	(35)
20 YEARS	345	165	180	194	151	338	4	3	206	104	21	3	11
21 YEARS	389	194	195	230	159	383	6	0	213	113	32	13	18
22 YEARS	476	237	239	351	125	463	10	2	228	149	67	14	18
23 YEARS	483	247	236	359	124	476	6	0	202	178	67	23	13
24 YEARS	509	280	229	413	96	498	11	0	216	183	75	19	16
(20-24 YRS)	(2202)	(1123)	(1079)	(1547)	(655)	(2158)	(37)	(5)	(1065)	(727)	(262)	(72)	(76)
25-29 YRS	2729	1404	1325	2396	333	2662	63	3	945	1077	459	182	66
30-34 YRS	1974	1019	955	1833	141	1927	45	0	590	785	360	176	63
35-39 YRS	735	366	369	684	51	720	15	0	156	285	150	118	26
40-44 YRS	106	52	54	96	10	102	4	0	21	31	34	18	2
45+ YEARS	2	1	1	2	0	2	0	0	0	2	0	0	0
UNKNOWN	11	5	6	7	4	11	0	0	4	0	1	4	2
TOTAL	8490	4369	4121	6811	1679	8305	172	8	3344	3027	1279	570	270

TABLE 7
1989 VERMONT RESIDENT BIRTHS

SELECTED CHARACTERISTICS BY COUNTY OF RESIDENCE

COUNTY OF MOTHER	TOTAL	SEX		MOTHER MARRIED		PLURALITY *			NUMBER OF PREVIOUS LIVE BIRTHS				
		MALE	FEMALE	YES	NO	SINGLE	TWIN	TRIPLET	NONE	ONE	TWO	THREE+	UNKNOWN
ADDISON	520	262	258	431	89	503	17	0	200	213	67	29	11
BENNINGTON	523	271	252	392	131	513	10	0	213	193	71	42	4
CALEDONIA	419	216	203	311	108	408	10	0	157	143	73	40	6
CHITTENDEN	2082	1045	1037	1759	323	2058	24	0	858	728	271	126	99
ESSEX	85	46	39	66	19	83	2	0	25	36	15	7	2
FRANKLIN	709	377	332	552	157	687	19	3	285	224	111	58	31
GRAND ISLE	96	59	37	85	11	94	2	0	29	38	15	10	4
LAMOILLE	327	176	151	264	63	319	8	0	152	110	40	17	8
ORANGE	374	197	177	295	79	361	7	5	148	129	63	28	6
ORLEANS	353	185	168	263	90	344	8	0	140	126	59	24	4
RUTLAND	895	452	443	720	175	886	9	0	333	312	158	52	40
WASHINGTON	780	404	376	625	155	755	24	0	298	291	105	52	34
WINDHAM	567	291	276	436	131	553	14	0	225	185	114	36	7
WINDSOR	760	388	372	612	148	741	18	0	281	299	117	49	14
TOTAL	8490	4369	4121	6811	1679	8305	172	8	3344	3027	1279	570	270

* There were 5 events in which the plurality was unknown

TABLE 8
1989 VERMONT RESIDENT BIRTHS

RACE OF CHILD BY AGE OF MOTHER

AGE OF MOTHER	RACE OF CHILD WHITE	BLACK	AMERICAN INDIAN	ASIAN OR PACIFIC ISLANDER	OTHER NON-WHITE	UNKNOWN	TOTAL
<15 YEARS	3	0	0	0	0	0	3
15 YEARS	20	0	0	0	0	0	20
16 YEARS	57	0	0	0	0	1	58
17 YEARS	125	1	0	0	0	1	127
18 YEARS	204	0	0	2	0	1	207
19 YEARS	310	2	1	1	0	2	316
(15-19 YRS)	(716)	(3)	(1)	(3)	(0)	(5)	(728)
20 YEARS	337	1	0	4	1	2	345
21 YEARS	382	2	0	2	0	3	389
22 YEARS	471	2	0	1	0	2	476
23 YEARS	479	0	0	1	2	1	483
24 YEARS	503	3	2	1	0	0	509
(20-24 YRS)	(2172)	(8)	(2)	(9)	(3)	(8)	(2202)
25-29 YRS	2683	15	4	20	0	7	2729
30-34 YRS	1942	9	3	10	3	7	1974
35-39 YRS	724	3	1	2	0	5	735
40-44 YRS	101	0	1	2	0	2	106
45+ YEARS	2	0	0	0	0	0	2
UNKNOWN	9	0	0	0	0	2	11
TOTAL	8352	38	12	46	6	36	8490

TABLE 9
1989 VERMONT RESIDENT BIRTHS

RACE OF CHILD BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	RACE OF CHILD WHITE	BLACK	AMERICAN INDIAN	ASIAN OR PACIFIC ISLANDER	OTHER NON-WHITE	UNKNOWN	TOTAL
ADDISON	515	1	0	2	0	2	520
BENNINGTON	517	2	0	4	0	0	523
CALEDONIA	416	1	1	1	0	0	419
CHITTENDEN	2043	16	3	9	1	10	2082
ESSEX	85	0	0	0	0	0	85
FRANKLIN	694	1	2	3	2	7	709
GRAND ISLE	96	0	0	0	0	0	96
LAMOILLE	323	1	1	2	0	0	327
ORANGE	366	2	1	2	1	2	374
ORLEANS	350	1	0	0	0	2	353
RUTLAND	886	3	0	3	1	2	895
WASHINGTON	766	5	0	6	1	2	780
WINDHAM	550	2	1	10	0	4	567
WINDSOR	745	3	3	4	0	5	760
TOTAL	8352	38	12	46	6	36	8490

TABLE 10
1989 VERMONT RESIDENT BIRTHS

AGE OF MOTHER BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND ROW PERCENTS

AGE OF MOTHER

NUMBER OF EVENTS

COUNTY OF RESIDENCE	<15 YEARS	15-17 YEARS	18-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 + YEARS	UNKNOWN	TOTAL
ADDISON	0	11	29	132	154	130	56	8	0	0	520
BENNINGTON	0	15	45	130	170	116	41	6	0	0	523
CALEDONIA	0	11	43	151	102	77	27	6	0	2	419
CHITTENDEN	2	40	94	433	719	561	205	27	1	0	2082
ESSEX	0	2	5	39	28	10	1	0	0	0	85
FRANKLIN	0	21	55	217	240	129	38	9	0	0	709
GRAND ISLE	0	1	3	29	31	20	9	3	0	0	96
LAMOILLE	0	9	28	85	96	82	21	6	0	0	327
ORANGE	0	9	20	114	127	73	27	4	0	0	374
ORLEANS	0	18	25	127	101	53	26	2	1	0	353
RUTLAND	0	19	49	249	285	222	63	6	0	2	895
WASHINGTON	0	18	52	170	245	203	80	11	0	1	780
WINDHAM	1	8	39	154	179	122	56	4	0	4	567
WINDSOR	0	23	36	172	252	176	85	14	0	2	760
TOTAL	3	205	523	2202	2729	1974	735	106	2	11	8490

ROW PERCENTS

COUNTY OF RESIDENCE	<15 YEARS	15-17 YEARS	18-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 + YEARS	UNKNOWN	TOTAL
ADDISON	0.0	2.1	5.6	25.4	29.6	25.0	10.8	1.5	0.0	0.0	100.0
BENNINGTON	0.0	2.9	8.6	24.9	32.5	22.2	7.8	1.1	0.0	0.0	100.0
CALEDONIA	0.0	2.6	10.3	36.0	24.3	18.4	6.4	1.4	0.0	0.5	100.0
CHITTENDEN	0.1	1.9	4.5	20.8	34.5	26.9	9.8	1.3	0.0	0.0	100.0
ESSEX	0.0	2.4	5.9	45.9	32.9	11.8	1.2	0.0	0.0	0.0	100.0
FRANKLIN	0.0	3.0	7.8	30.6	33.9	18.2	5.4	1.3	0.0	0.0	100.0
GRAND ISLE	0.0	1.0	3.1	30.2	32.3	20.8	9.4	3.1	0.0	0.0	100.0
LAMOILLE	0.0	2.8	8.6	26.0	29.4	25.1	6.4	1.8	0.0	0.0	100.0
ORANGE	0.0	2.4	5.3	30.5	34.0	19.5	7.2	1.1	0.0	0.0	100.0
ORLEANS	0.0	2.6	6.0	26.0	31.7	23.1	9.2	1.1	0.0	0.3	100.0
RUTLAND	0.0	2.1	5.5	27.8	31.8	24.8	7.0	0.7	0.0	0.2	100.0
WASHINGTON	0.0	2.3	6.7	21.8	31.4	26.0	10.3	1.4	0.0	0.1	100.0
WINDHAM	0.2	1.4	6.9	27.2	31.6	21.5	9.9	0.7	0.0	0.7	100.0
WINDSOR	0.0	3.0	4.7	22.6	33.2	23.2	11.2	1.8	0.0	0.3	100.0
TOTAL	0.0	2.4	6.2	25.9	32.1	23.3	8.7	1.2	0.0	0.1	100.0

TABLE 11
1989 VERMONT RESIDENT BIRTHS

AGE OF MOTHER BY COUNTY OF RESIDENCE
AGE-SPECIFIC FERTILITY RATES AND CRUDE BIRTH RATES

	FERTILITY RATES AGE OF MOTHER						
COUNTY	15-19	20-24	25-29	30-34	35-44	15-44 TOTAL	CRUDE BIRTH RATE
ADDISON	27.4	82.1	118.2	99.2	24.5	62.7	15.9
BENNINGTON	47.8	86.0	111.5	76.2	17.2	61.2	14.2
CHITTENDEN	22.0	54.9	100.4	83.0	21.6	53.8	15.7
FRANKLIN & GRAND ISLE	49.3	149.5	133.8	75.8	17.3	75.4	18.0
LAMOILLE	52.7	112.6	110.9	88.0	16.7	67.1	16.9
NORTHEAST KINGDOM*	50.2	165.4	97.0	54.2	13.8	63.6	14.4
ORANGE	37.7	151.4	110.8	64.3	15.8	64.9	14.8
RUTLAND	29.3	102.9	102.1	79.9	14.2	58.9	14.4
WASHINGTON	37.9	78.8	97.7	81.0	20.0	57.4	14.0
WINDHAM	38.9	105.9	94.5	63.6	16.6	55.8	13.7
WINDSOR	38.0	93.2	99.7	69.8	21.3	57.9	13.4
STATE TOTAL	34.8	91.9	104.4	76.1	18.6	59.6	15.0

*THE NORTHEAST KINGDOM INCLUDES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

TABLE 12
1989 VERMONT RESIDENT BIRTHS

MONTH OF BIRTH BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND ROW PERCENTS

MONTH OF BIRTH

NUMBER OF EVENTS

COUNTY OF RESIDENCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ADDISON	38	39	48	49	58	44	47	43	44	44	30	36	520
BENNINGTON	36	35	42	53	37	46	55	45	42	45	39	48	523
CALEDONIA	30	23	37	35	41	34	42	35	42	35	33	32	419
CHITTENDEN	186	174	191	171	171	196	178	179	164	165	149	158	2082
ESSEX	7	3	6	5	7	7	15	9	12	2	7	5	85
FRANKLIN	57	41	72	66	67	71	52	55	49	59	70	50	709
GRAND ISLE	12	5	7	11	6	6	11	5	10	7	7	9	96
LAMOILLE	15	22	24	30	25	32	27	39	26	26	35	26	327
ORANGE	29	23	28	41	31	40	33	36	41	22	21	29	374
ORLEANS	21	30	37	20	28	30	31	30	37	33	27	29	353
RUTLAND	66	63	81	64	90	82	80	73	78	89	59	70	895
WASHINGTON	61	44	70	64	82	70	77	60	57	58	64	73	780
WINDHAM	44	30	56	46	44	51	43	60	60	47	31	55	567
WINDSOR	72	57	66	73	68	54	74	74	59	49	54	60	760
TOTAL	674	589	765	728	755	763	765	743	721	681	626	680	8490

ROW PERCENTS

COUNTY OF RESIDENCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ADDISON	7.3	7.5	9.2	9.4	11.2	8.5	9.0	8.3	8.5	8.5	5.8	6.9	100.0
BENNINGTON	6.9	6.7	8.0	10.1	7.1	8.8	10.5	8.6	8.0	8.6	7.5	9.2	100.0
CALEDONIA	7.2	5.5	8.8	8.4	9.8	8.1	10.0	8.4	10.0	8.4	7.9	7.6	100.0
CHITTENDEN	8.9	8.4	9.2	8.2	8.2	9.4	8.5	8.6	7.9	7.9	7.2	7.6	100.0
ESSEX	8.2	3.5	7.1	5.9	8.2	8.2	17.6	10.6	14.1	2.4	8.2	5.9	100.0
FRANKLIN	8.0	5.8	10.2	9.3	9.4	10.0	7.3	7.8	6.9	8.3	9.9	7.1	100.0
GRAND ISLE	12.5	5.2	7.3	11.5	6.3	6.3	11.5	5.2	10.4	7.3	7.3	9.4	100.0
LAMOILLE	4.6	6.7	7.3	9.2	7.6	9.8	8.3	11.9	8.0	8.0	10.7	8.0	100.0
ORANGE	7.8	6.1	7.5	11.0	8.3	10.7	8.8	9.6	11.0	5.9	5.6	7.8	100.0
ORLEANS	5.9	8.5	10.5	5.7	7.9	8.5	8.8	8.5	10.5	9.3	7.6	8.2	100.0
RUTLAND	7.4	7.0	9.1	7.2	10.1	9.2	8.9	8.2	8.7	9.9	6.6	7.8	100.0
WASHINGTON	7.8	5.6	9.0	8.2	10.5	9.0	9.9	7.7	7.3	7.4	8.2	9.4	100.0
WINDHAM	7.8	5.3	9.9	8.1	7.8	9.0	7.6	10.6	10.6	8.3	5.5	9.7	100.0
WINDSOR	9.5	7.5	8.7	9.6	8.9	7.1	9.7	9.7	7.8	6.4	7.1	7.9	100.0
TOTAL	7.9	6.9	9.0	8.6	8.9	9.0	9.0	8.8	8.5	8.0	7.4	8.0	100.0

TABLE 13
1989 VERMONT RESIDENT BIRTHS

EDUCATION OF MOTHER BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND ROW PERCENTS

YEARS OF EDUCATION

NUMBER OF EVENTS

COUNTY OF RESIDENCE	<9 YEARS	9 YEARS	10 YEARS	11 YEARS	H.S. GRAD	1 YEAR COLLEGE	2 YEARS COLLEGE	3 YEARS COLLEGE	COLLEGE GRAD +	UNKNOWN	TOTAL
ADDISON	3	9	20	17	233	40	48	11	138	1	520
BENNINGTON	9	17	23	28	202	41	53	20	117	13	523
CALEDONIA	9	16	28	23	190	32	37	12	69	3	419
CHITTENDEN	30	52	61	66	704	133	246	73	697	20	2082
ESSEX	2	2	4	2	51	8	9	1	6	0	85
FRANKLIN	19	20	31	26	362	71	80	13	80	7	709
GRAND ISLE	1	1	3	7	47	9	9	2	17	0	96
LAMOILLE	3	10	15	17	132	26	44	8	72	0	327
ORANGE	5	12	18	20	162	26	39	5	80	7	374
ORLEANS	10	18	15	21	171	28	37	8	42	3	353
RUTLAND	16	13	48	35	404	59	93	28	193	6	895
WASHINGTON	10	14	29	27	304	64	95	31	200	6	780
WINDHAM	10	13	29	28	255	39	44	13	124	12	567
WINDSOR	11	16	35	19	303	75	69	25	191	16	760
TOTAL	138	213	359	336	3520	651	903	250	2026	94	8490

ROW PERCENTS

COUNTY OF RESIDENCE	<9 YEARS	9 YEARS	10 YEARS	11 YEARS	H.S. GRAD	1 YEAR COLLEGE	2 YEARS COLLEGE	3 YEARS COLLEGE	COLLEGE GRAD +	UNKNOWN	TOTAL
ADDISON	0.6	1.7	3.8	3.3	44.8	7.7	9.2	2.1	26.5	0.2	100.0
BENNINGTON	1.7	3.3	4.4	5.4	38.6	7.8	10.1	3.8	22.4	2.5	100.0
CALEDONIA	2.1	3.8	6.7	5.5	45.3	7.6	8.8	2.9	16.5	0.7	100.0
CHITTENDEN	1.4	2.5	2.9	3.2	33.8	6.4	11.8	3.5	33.5	1.0	100.0
ESSEX	2.4	2.4	4.7	2.4	60.0	9.4	10.6	1.2	7.1	0.0	100.0
FRANKLIN	2.7	2.8	4.4	3.7	51.1	10.0	11.3	1.8	11.3	1.0	100.0
GRAND ISLE	1.0	1.0	3.1	7.3	49.0	9.4	9.4	2.1	17.7	0.0	100.0
LAMOILLE	0.9	3.1	4.6	5.2	40.4	8.0	13.5	2.4	22.0	0.0	100.0
ORANGE	1.3	3.2	4.8	5.3	43.3	7.0	10.4	1.3	21.4	1.9	100.0
ORLEANS	2.8	5.1	4.2	5.9	48.4	7.9	10.5	2.3	11.9	0.8	100.0
RUTLAND	1.8	1.5	5.4	3.9	45.1	6.6	10.4	3.1	21.6	0.7	100.0
WASHINGTON	1.3	1.8	3.7	3.5	39.0	8.2	12.2	4.0	25.6	0.8	100.0
WINDHAM	1.8	2.3	5.1	4.9	45.0	6.9	7.8	2.3	21.9	2.1	100.0
WINDSOR	1.4	2.1	4.6	2.5	39.9	9.9	9.1	3.3	25.1	2.1	100.0
TOTAL	1.6	2.5	4.2	4.0	41.5	7.7	10.6	2.9	23.9	1.1	100.0

TABLE 14
1989 VERMONT RESIDENT BIRTHS

NUMBER OF PRENATAL VISITS BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND ROW PERCENTS

PRENATAL VISITS*

NUMBER OF EVENTS

COUNTY OF RESIDENCE	NONE	1	2	3	4	5	6-8	9-11	12	13-15	16-19	20+	UNKNOWN	TOTAL
ADDISON	3	2	2	4	6	10	127	223	56	70	2	2	13	520
BENNINGTON	6	2	2	4	6	12	86	205	67	113	11	4	5	523
CALEDONIA	2	0	3	0	1	5	36	103	62	147	53	1	6	419
CHITTENDEN	7	4	7	11	27	51	599	615	161	345	57	6	192	2082
ESSEX	0	0	0	2	2	1	12	28	7	26	6	0	1	85
FRANKLIN	4	0	1	3	4	17	149	209	77	145	49	5	46	709
GRAND ISLE	0	0	0	1	0	5	29	27	7	15	3	0	9	96
LAMOILLE	3	0	0	1	3	5	35	115	46	80	24	4	11	327
ORANGE	0	0	2	2	1	1	31	84	48	128	38	26	13	374
ORLEANS	3	1	0	6	2	11	86	145	41	41	12	1	4	353
RUTLAND	4	3	4	7	12	13	146	417	112	149	11	1	16	895
WASHINGTON	2	0	3	4	6	10	67	275	125	178	63	16	31	780
WINDHAM	4	3	1	1	3	7	98	184	66	127	51	11	11	567
WINDSOR	3	1	0	5	5	4	54	136	106	241	142	46	17	760
TOTAL	41	16	25	51	78	152	1555	2766	981	1805	522	123	375	8490

ROW PERCENTS - EXCLUDING UNKNOWNS

COUNTY OF RESIDENCE	NONE	1	2	3	4	5	6-8	9-11	12	13-15	16-19	20+
ADDISON	0.6	0.4	0.4	0.8	1.2	2.0	25.0	44.0	11.0	13.8	0.4	0.4
BENNINGTON	1.2	0.4	0.4	0.8	1.2	2.3	16.6	39.6	12.9	21.8	2.1	0.8
CALEDONIA	0.5	0.0	0.7	0.0	0.2	1.2	8.7	24.9	15.0	35.6	12.8	0.2
CHITTENDEN	0.4	0.2	0.4	0.6	1.4	2.7	31.7	32.5	8.5	18.3	3.0	0.3
ESSEX	0.0	0.0	0.0	2.4	2.4	1.2	14.3	33.3	8.3	31.0	7.1	0.0
FRANKLIN	0.6	0.0	0.2	0.5	0.6	2.6	22.5	31.5	11.6	21.9	7.4	0.8
GRAND ISLE	0.0	0.0	0.0	1.1	0.0	5.7	33.3	31.0	8.0	17.2	3.4	0.0
LAMOILLE	0.9	0.0	0.0	0.3	0.9	1.6	11.1	36.4	14.6	25.3	7.6	1.3
ORANGE	0.0	0.0	0.6	0.6	0.3	0.3	8.6	23.3	13.3	35.5	10.5	7.2
ORLEANS	0.9	0.3	0.0	1.7	0.6	3.2	24.6	41.5	11.7	11.7	3.4	0.3
RUTLAND	0.5	0.3	0.5	0.8	1.4	1.5	16.6	47.4	12.7	17.0	1.3	0.1
WASHINGTON	0.3	0.0	0.4	0.5	0.8	1.3	8.9	36.7	16.7	23.8	8.4	2.1
WINDHAM	0.7	0.5	0.2	0.2	0.5	1.3	17.6	33.1	11.9	22.8	9.2	2.0
WINDSOR	0.4	0.1	0.0	0.7	0.7	0.5	7.3	18.3	14.3	32.4	19.1	6.2
TOTAL	0.5	0.2	0.3	0.6	1.0	1.9	19.2	34.1	12.1	22.2	6.4	1.5

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 15
1989 VERMONT RESIDENT BIRTHS

MONTH PRENATAL CARE BEGAN BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF EVENTS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
ADDISON	32	234	140	47	16	13	6	7	1	3	21	520
BENNINGTON	48	225	137	42	23	10	12	6	0	6	14	523
CALEDONIA	35	172	106	43	22	17	7	2	2	2	11	419
CHITTENDEN	222	1014	421	123	54	40	29	21	5	7	146	2082
ESSEX	7	28	31	6	4	5	1	1	0	0	2	85
FRANKLIN	51	284	184	75	27	19	11	5	4	4	45	709
GRAND ISLE	9	42	20	9	4	2	1	2	0	0	7	96
LAMOILLE	37	146	72	26	12	8	3	2	0	3	18	327
ORANGE	18	130	131	29	16	8	6	0	1	0	35	374
ORLEANS	19	135	111	32	16	7	7	5	2	3	16	353
RUTLAND	95	370	219	75	40	19	21	3	5	4	44	895
WASHINGTON	33	326	247	67	29	15	12	6	4	2	39	780
WINDHAM	27	194	190	64	30	16	3	6	3	4	30	567
WINDSOR	42	291	213	82	29	23	12	6	2	3	57	760
TOTAL	675	3591	2222	720	322	202	131	72	29	41	485	8490

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

COUNTY OF RESIDENCE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
ADDISON	6.4	53.3	81.4	90.8	94.0	96.6	97.8	99.2	99.4	100.0
BENNINGTON	9.4	53.6	80.6	88.8	93.3	95.3	97.6	98.8	98.8	100.0
CALEDONIA	8.6	50.7	76.7	87.3	92.6	96.8	98.5	99.0	99.5	100.0
CHITTENDEN	11.5	63.8	85.6	91.9	94.7	96.8	98.3	99.4	99.6	100.0
ESSEX	8.4	42.2	79.5	86.7	91.6	97.6	98.8	100.0	100.0	100.0
FRANKLIN	7.7	50.5	78.2	89.5	93.5	96.4	98.0	98.8	99.4	100.0
GRAND ISLE	10.1	57.3	79.8	89.9	94.4	96.6	97.8	100.0	100.0	100.0
LAMOILLE	12.0	59.2	82.5	90.9	94.8	97.4	98.4	99.0	99.0	100.0
ORANGE	5.3	43.7	82.3	90.9	95.6	97.9	99.7	99.7	100.0	100.0
ORLEANS	5.6	45.7	78.6	88.1	92.9	95.0	97.0	98.5	99.1	100.0
RUTLAND	11.2	54.6	80.4	89.2	93.9	96.1	98.6	98.9	99.5	100.0
WASHINGTON	4.5	48.4	81.8	90.8	94.7	96.8	98.4	99.2	99.7	100.0
WINDHAM	5.0	41.2	76.5	88.5	94.0	97.0	97.6	98.7	99.3	100.0
WINDSOR	6.0	47.4	77.7	89.3	93.5	96.7	98.4	99.3	99.6	100.0
TOTAL	8.4	53.3	81.0	90.0	94.1	96.6	98.2	99.1	99.5	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 16
1989 VERMONT RESIDENT BIRTHS

BIRTH WEIGHT IN GRAMS BY COUNTY OF RESIDENCE
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

BIRTH WEIGHT

NUMBER OF EVENTS

COUNTY OF RESIDENCE	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000 3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+	UNKNOWN	TOTAL
ADDISON	0	1	2	8	16	71	191	159	59	11	0	1	1	520
BENNINGTON	1	3	1	7	12	61	181	191	59	5	2	0	0	523
CALEDONIA	1	3	3	6	20	56	139	140	46	5	0	0	0	419
CHITTENDEN	5	9	6	21	65	284	723	692	223	46	2	0	6	2082
ESSEX	0	0	0	0	3	7	37	24	10	3	0	0	1	85
FRANKLIN	1	1	3	10	38	104	269	202	60	12	1	0	8	709
GRAND ISLE	0	0	0	3	2	19	23	35	10	3	0	0	1	96
LAMOILLE	0	0	1	4	13	45	113	119	28	4	0	0	0	327
ORANGE	1	1	3	4	16	45	127	125	41	7	3	0	1	374
ORLEANS	0	0	4	4	10	50	134	108	34	7	1	0	1	353
RUTLAND	1	1	1	7	39	139	340	275	80	9	0	0	3	895
WASHINGTON	2	0	4	7	20	130	271	249	84	12	1	0	0	780
WINDHAM	0	0	2	4	27	74	199	190	52	15	0	0	4	567
WINDSOR	3	1	3	9	18	94	274	237	100	18	1	0	2	760
TOTAL	15	20	33	94	299	1179	3021	2746	886	157	11	1	28	8490

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

COUNTY OF RESIDENCE	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000 3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+
ADDISON	0.0	0.2	0.6	2.1	5.2	18.9	55.7	86.3	97.7	99.8	99.8	100.0
BENNINGTON	0.2	0.8	1.0	2.3	4.6	16.3	50.9	87.4	98.7	99.6	100.0	100.0
CALEDONIA	0.2	1.0	1.7	3.1	7.9	21.2	54.4	87.8	98.8	100.0	100.0	100.0
CHITTENDEN	0.2	0.7	1.0	2.0	5.1	18.8	53.6	86.9	97.7	99.9	100.0	100.0
ESSEX	0.0	0.0	0.0	0.0	3.6	11.9	56.0	84.5	96.4	100.0	100.0	100.0
FRANKLIN	0.1	0.3	0.7	2.1	7.6	22.4	60.8	89.6	98.1	99.9	100.0	100.0
GRAND ISLE	0.0	0.0	0.0	3.2	5.3	25.3	49.5	86.3	96.8	100.0	100.0	100.0
LAMOILLE	0.0	0.0	0.3	1.5	5.5	19.3	53.8	90.2	98.8	100.0	100.0	100.0
ORANGE	0.3	0.5	1.3	2.4	6.7	18.8	52.8	86.3	97.3	99.2	100.0	100.0
ORLEANS	0.0	0.0	1.1	2.3	5.1	19.3	57.4	88.1	97.7	99.7	100.0	100.0
RUTLAND	0.1	0.2	0.3	1.1	5.5	21.1	59.2	90.0	99.0	100.0	100.0	100.0
WASHINGTON	0.3	0.3	0.8	1.7	4.2	20.9	55.6	87.6	98.3	99.9	100.0	100.0
WINDHAM	0.0	0.0	0.4	1.1	5.9	19.0	54.4	88.1	97.3	100.0	100.0	100.0
WINDSOR	0.4	0.5	0.9	2.1	4.5	16.9	53.0	84.3	97.5	99.9	100.0	100.0
TOTAL	0.2	0.4	0.8	1.9	5.4	19.4	55.1	87.5	98.0	99.9	100.0	100.0

TABLE 17
1989 VERMONT RESIDENT BIRTHS

BIRTH WEIGHT IN GRAMS BY WEEKS GESTATION
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

BIRTH WEIGHT

NUMBER OF EVENTS

WEEKS OF GESTATION*	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000 3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+	UNKNOWN	TOTAL
UNDER 28 WEEKS	15	12	5	0	0	0	0	0	0	0	0	0	1	33
28-31 WEEKS	0	8	17	18	2	0	0	0	0	0	0	0	2	47
32-35 WEEKS	0	0	6	53	86	59	16	0	0	0	0	0	0	220
36 WEEKS	0	0	0	8	51	86	67	1	0	0	0	0	0	213
37-39 WEEKS	0	0	1	3	117	632	1373	944	204	21	2	0	3	3300
40 WEEKS	0	0	0	0	11	209	763	797	293	48	4	0	5	2130
41 WEEKS	0	0	0	0	4	82	438	559	205	49	3	0	3	1343
42+ WEEKS	0	0	0	0	3	100	347	413	160	34	1	0	1	1059
UNKNOWN	0	0	4	12	25	11	17	32	24	5	1	1	13	145
TOTAL	15	20	33	94	299	1179	3021	2746	886	157	11	1	28	8490

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

WEEKS OF GESTATION*	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000 3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+
UNDER 28 WEEKS	46.9	84.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
28-31 WEEKS	0.0	17.8	55.6	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32-35 WEEKS	0.0	0.0	2.7	26.8	65.9	92.7	100.0	100.0	100.0	100.0	100.0	100.0
36 WEEKS	0.0	0.0	0.0	3.8	27.7	68.1	99.5	100.0	100.0	100.0	100.0	100.0
37-39 WEEKS	0.0	0.0	0.0	0.1	3.7	22.8	64.5	93.1	99.3	99.9	100.0	100.0
40 WEEKS	0.0	0.0	0.0	0.0	0.5	10.4	46.3	83.8	97.6	99.8	100.0	100.0
41 WEEKS	0.0	0.0	0.0	0.0	0.3	6.4	39.1	80.8	96.1	99.8	100.0	100.0
42+ WEEKS	0.0	0.0	0.0	0.0	0.3	9.7	42.5	81.6	96.7	99.9	100.0	100.0
UNKNOWN	0.0	0.0	3.0	12.1	31.1	39.4	52.3	76.5	94.7	98.5	99.2	100.0
TOTAL	0.2	0.4	0.8	1.9	5.4	19.4	55.1	87.5	98.0	99.9	100.0	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

BIRTH WEIGHT IN GRAMS BY AGE OF MOTHER AND SEX OF CHILD
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

TOTAL

BIRTH WEIGHT

NUMBER OF EVENTS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+	UNKNOWN	TOTAL
< 15 YEARS	0	0	0	0	0	0	0	3	0	0	0	0	0	3
15-17 YRS	1	0	1	4	12	38	72	56	18	2	0	0	1	205
18-19 YRS	1	3	3	8	23	97	200	147	37	4	0	0	0	523
20-24 YRS	3	6	4	27	85	363	846	640	186	31	1	0	10	2202
25-29 YRS	4	3	10	30	89	358	943	937	291	51	7	0	6	2729
30-34 YRS	3	4	8	14	59	236	654	695	243	50	3	1	4	1974
35-39 YRS	2	4	6	9	22	77	262	244	91	14	0	0	4	735
40-44 YRS	1	0	1	2	9	9	38	24	18	3	0	0	1	106
45 + YRS	0	0	0	0	0	0	2	0	0	0	0	0	0	2
UNKNOWN	0	0	0	0	0	1	4	0	2	2	0	0	2	11
TOTAL	15	20	33	94	299	1179	3021	2746	886	157	11	1	28	8490

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+
< 15 YEARS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0
15-17 YRS	0.5	0.5	1.0	2.9	8.8	27.5	62.7	90.2	99.0	100.0	100.0	100.0
18-19 YRS	0.2	0.8	1.3	2.9	7.3	25.8	64.1	92.2	99.2	100.0	100.0	100.0
20-24 YRS	0.1	0.4	0.6	1.8	5.7	22.3	60.9	90.1	98.5	100.0	100.0	100.0
25-29 YRS	0.1	0.3	0.6	1.7	5.0	18.1	52.8	87.2	97.9	99.7	100.0	100.0
30-34 YRS	0.2	0.4	0.8	1.5	4.5	16.4	49.6	84.9	97.3	99.8	99.9	100.0
35-39 YRS	0.3	0.8	1.6	2.9	5.9	16.4	52.3	85.6	98.1	100.0	100.0	100.0
40-44 YRS	1.0	1.0	1.9	3.8	12.4	21.0	57.1	80.0	97.1	100.0	100.0	100.0
45 + YRS	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0
UNKNOWN	0.0	0.0	0.0	0.0	0.0	11.1	55.6	55.6	77.8	100.0	100.0	100.0
TOTAL	0.2	0.4	0.8	1.9	5.4	19.4	55.1	87.5	98.0	99.9	100.0	100.0

TABLE 18
1989 VERMONT RESIDENT BIRTHS

BIRTH WEIGHT IN GRAMS BY AGE OF MOTHER AND SEX OF CHILD
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MALES

BIRTH WEIGHT

NUMBER OF EVENTS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+	UNKNOWN	TOTAL
< 15 YEARS	0	0	0	0	0	0	0	1	0	0	0	0	0	1
15-17 YRS	1	0	1	0	6	13	35	33	13	2	0	0	1	105
18-19 YRS	1	2	2	4	13	49	109	85	25	3	0	0	0	293
20-24 YRS	0	1	1	11	37	175	399	356	114	24	1	0	4	1123
25-29 YRS	3	1	4	13	39	170	419	525	183	39	6	0	2	1404
30-34 YRS	2	0	5	8	24	108	283	394	152	40	1	1	1	1019
35-39 YRS	1	2	3	5	7	36	112	126	64	9	0	0	1	366
40-44 YRS	0	0	1	0	5	2	16	16	10	1	0	0	1	52
45 + YRS	0	0	0	0	0	0	1	0	0	0	0	0	0	1
UNKNOWN	0	0	0	0	0	0	1	0	2	2	0	0	0	5
TOTAL	8	6	17	41	131	553	1375	1536	563	120	8	1	10	4369

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+
< 15 YEARS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0
15-17 YRS	1.0	1.0	1.9	1.9	7.7	20.2	53.8	85.6	98.1	100.0	100.0	100.0
18-19 YRS	0.3	1.0	1.7	3.1	7.5	24.2	61.4	90.4	99.0	100.0	100.0	100.0
20-24 YRS	0.0	0.1	0.2	1.2	4.5	20.1	55.8	87.6	97.8	99.9	100.0	100.0
25-29 YRS	0.2	0.3	0.6	1.5	4.3	16.4	46.3	83.7	96.8	99.6	100.0	100.0
30-34 YRS	0.2	0.2	0.7	1.5	3.8	14.4	42.2	80.9	95.9	99.8	99.9	100.0
35-39 YRS	0.3	0.8	1.6	3.0	4.9	14.8	45.5	80.0	97.5	100.0	100.0	100.0
40-44 YRS	0.0	0.0	2.0	2.0	11.8	15.7	47.1	78.4	98.0	100.0	100.0	100.0
45 + YRS	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0
UNKNOWN	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0	60.0	100.0	100.0	100.0
TOTAL	0.2	0.3	0.7	1.7	4.7	17.3	48.9	84.1	97.0	99.8	100.0	100.0

BIRTH WEIGHT IN GRAMS BY AGE OF MOTHER AND SEX OF CHILD
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS
FEMALES

BIRTH WEIGHT

NUMBER OF EVENTS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+	UNKNOWN	TOTAL
< 15 YEARS	0	0	0	0	0	0	0	2	0	0	0	0	0	2
15-17 YRS	0	0	0	4	6	25	37	23	5	0	0	0	0	100
18-19 YRS	0	1	1	4	10	48	91	62	12	1	0	0	0	230
20-24 YRS	3	5	3	16	48	188	447	284	72	7	0	0	6	1079
25-29 YRS	1	2	6	17	50	188	524	412	108	12	1	0	4	1325
30-34 YRS	1	4	3	6	35	128	371	301	91	10	2	0	3	955
35-39 YRS	1	2	3	4	15	41	150	118	27	5	0	0	3	369
40-44 YRS	1	0	0	2	4	7	22	8	8	2	0	0	0	54
45 + YRS	0	0	0	0	0	0	1	0	0	0	0	0	0	1
UNKNOWN	0	0	0	0	0	1	3	0	0	0	0	0	2	6
TOTAL	7	14	16	53	168	626	1646	1210	323	37	3	0	18	4121

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

AGE OF MOTHER	<500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500-4999	5000-5499	5500+
< 15 YEARS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0
15-17 YRS	0.0	0.0	0.0	4.0	10.0	35.0	72.0	95.0	100.0	100.0	100.0	100.0
18-19 YRS	0.0	0.4	0.9	2.6	7.0	27.8	67.4	94.3	99.6	100.0	100.0	100.0
20-24 YRS	0.3	0.7	1.0	2.5	7.0	24.5	66.2	92.6	99.3	100.0	100.0	100.0
25-29 YRS	0.1	0.2	0.7	2.0	5.8	20.0	59.7	90.8	99.0	99.9	100.0	100.0
30-34 YRS	0.1	0.5	0.8	1.5	5.1	18.6	57.6	89.2	98.7	99.8	100.0	100.0
35-39 YRS	0.3	0.8	1.6	2.7	6.8	18.0	59.0	91.3	98.6	100.0	100.0	100.0
40-44 YRS	1.9	1.9	1.9	5.6	13.0	25.9	66.7	81.5	96.3	100.0	100.0	100.0
45 + YRS	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0
UNKNOWN	0.0	0.0	0.0	0.0	0.0	25.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL	0.2	0.5	0.9	2.2	6.3	21.5	61.7	91.2	99.0	99.9	100.0	100.0

TABLE 19
1989 VERMONT RESIDENT BIRTHS

MONTH PRENATAL CARE BEGAN BY EDUCATION OF MOTHER
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF EVENTS

YEARS OF EDUCATION	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
< 9 YEARS	9	35	38	15	15	7	4	0	1	0	14	138
9 YEARS	13	59	58	24	14	10	3	1	3	3	25	213
10 YEARS	14	115	81	49	32	18	10	7	1	6	26	359
11 YEARS	12	91	83	50	20	16	14	7	4	4	35	336
H.S. GRADUATE	231	1432	974	352	131	94	61	35	10	16	184	3520
1 YEAR COLLEGE	62	295	170	46	28	8	8	3	2	3	26	651
2 YEARS COLLEGE	90	426	230	59	20	16	10	4	1	6	41	903
3 YEARS COLLEGE	25	113	56	18	6	7	5	3	1	0	16	250
COLLEGE GRAD. +	211	997	517	102	49	22	14	12	6	3	93	2026
UNKNOWN	8	28	15	5	7	4	2	0	0	0	25	94
TOTAL	675	3591	2222	720	322	202	131	72	29	41	485	8490

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

YEARS OF EDUCATION	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
< 9 YEARS	7.3	35.5	66.1	78.2	90.3	96.0	99.2	99.2	100.0	100.0
9 YEARS	6.9	38.3	69.1	81.9	89.4	94.7	96.3	96.8	98.4	100.0
10 YEARS	4.2	38.7	63.1	77.8	87.4	92.8	95.8	97.9	98.2	100.0
11 YEARS	4.0	34.2	61.8	78.4	85.0	90.4	95.0	97.3	98.7	100.0
H.S. GRADUATE	6.9	49.9	79.0	89.6	93.5	96.3	98.2	99.2	99.5	100.0
1 YEAR COLLEGE	9.9	57.1	84.3	91.7	96.2	97.4	98.7	99.2	99.5	100.0
2 YEARS COLLEGE	10.4	59.9	86.5	93.4	95.7	97.6	98.7	99.2	99.3	100.0
3 YEARS COLLEGE	10.7	59.0	82.9	90.6	93.2	96.2	98.3	99.6	100.0	100.0
COLLEGE GRAD +	10.9	62.5	89.2	94.5	97.1	98.2	98.9	99.5	99.8	100.0
UNKNOWN	11.6	52.2	73.9	81.2	91.3	97.1	100.0	100.0	100.0	100.0
TOTAL	8.4	53.3	81.0	90.0	94.1	96.6	98.2	99.1	99.5	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 20
1989 VERMONT RESIDENT BIRTHS

MONTH PRENATAL CARE BEGAN BY NUMBER OF PRENATAL VISITS
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

NUMBER OF EVENTS

NUMBER OF VISITS*	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
NONE	0	0	0	0	0	0	0	0	0	41	0	41
1	0	0	0	2	2	0	0	3	6	0	3	16
2	1	3	0	0	2	3	6	6	4	0	0	25
3	0	3	3	1	9	9	10	8	2	0	6	51
4	4	6	7	9	9	11	10	9	3	0	10	78
5	3	16	26	24	13	25	20	13	2	0	10	152
6-8	99	576	372	197	109	74	48	26	7	0	47	1555
9-11	210	1203	820	262	109	52	31	5	2	0	72	2766
12	94	433	315	77	19	10	1	0	1	0	31	981
13-15	187	938	470	115	33	14	0	1	2	0	45	1805
16-19	58	272	138	19	8	3	0	0	0	0	24	522
20+	11	72	32	4	3	0	0	0	0	0	1	123
UNKNOWN	8	69	39	10	6	1	5	1	0	0	236	375
TOTAL	675	3591	2222	720	322	202	131	72	29	41	485	8490

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

NUMBER OF VISITS*	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
NONE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
1	0.0	0.0	0.0	15.4	30.8	30.8	30.8	53.8	100.0	100.0
2	4.0	16.0	16.0	16.0	24.0	36.0	60.0	84.0	100.0	100.0
3	0.0	6.7	13.3	15.6	35.6	55.6	77.8	95.6	100.0	100.0
4	5.9	14.7	25.0	38.2	51.5	67.6	82.4	95.6	100.0	100.0
5	2.1	13.4	31.7	48.6	57.7	75.4	89.4	98.6	100.0	100.0
6-8	6.6	44.8	69.4	82.5	89.7	94.6	97.8	99.5	100.0	100.0
9-11	7.8	52.4	82.9	92.6	96.7	98.6	99.7	99.9	100.0	100.0
12	9.9	55.5	88.6	96.7	98.7	99.8	99.9	99.9	100.0	100.0
13-15	10.6	63.9	90.6	97.2	99.0	99.8	99.8	99.9	100.0	100.0
16-19	11.6	66.3	94.0	97.8	99.4	100.0	100.0	100.0	100.0	100.0
20+	9.0	68.0	94.3	97.5	100.0	100.0	100.0	100.0	100.0	100.0
UNKNOWN	5.8	55.4	83.5	90.6	95.0	95.7	99.3	100.0	100.0	100.0
TOTAL	8.4	53.3	81.0	90.0	94.1	96.6	98.2	99.1	99.5	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 21
1989 VERMONT RESIDENT BIRTHS

MONTH PRENATAL CARE BEGAN BY AGE OF MOTHER
NUMBER OF EVENTS AND CUMULATIVE ROW PERCENTS

MONTH PRENATAL CARE BEGAN*

AGE OF MOTHER	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE	UNKNOWN	TOTAL
< 15 YEARS	0	0	0	0	2	0	0	0	0	0	1	3
15 YEARS	1	1	10	2	2	0	1	0	0	1	2	20
16 YEARS	0	16	17	10	4	4	1	2	0	0	4	58
17 YEARS	5	31	34	21	6	6	7	2	1	5	9	127
18 YEARS	11	53	54	30	15	14	5	4	2	2	17	207
19 YEARS	12	80	88	50	22	23	5	6	3	4	23	316
(15-19 YRS)	(29)	(181)	(203)	(113)	(49)	(47)	(19)	(14)	(6)	(12)	(55)	(728)
20 YEARS	9	118	91	45	22	17	9	5	2	0	27	345
21 YEARS	14	127	112	50	22	10	9	4	3	2	36	389
22 YEARS	29	166	123	58	26	20	13	3	2	2	34	476
23 YEARS	40	187	128	56	18	13	12	6	1	3	19	483
24 YEARS	42	227	131	29	17	10	10	7	3	0	33	509
(20-24 YRS)	(134)	(825)	(585)	(238)	(105)	(70)	(53)	(25)	(11)	(7)	(149)	(2202)
25-29 YRS	230	1280	691	203	79	47	39	16	7	8	129	2729
30-34 YRS	196	945	507	120	62	20	15	11	3	6	89	1974
35-39 YRS	75	321	202	41	20	14	3	5	1	5	48	735
40-44 YRS	10	38	30	5	5	4	2	1	1	1	9	106
45+ YEARS	0	1	1	0	0	0	0	0	0	0	0	2
UNKNOWN	1	0	3	0	0	0	0	0	0	2	5	11
TOTAL	675	3591	2222	720	322	202	131	72	29	41	485	8490

CUMULATIVE ROW PERCENTS - EXCLUDING UNKNOWNS

AGE OF MOTHER	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	NONE
< 15 YEARS	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0
15 YEARS	5.6	11.1	66.7	77.8	88.9	88.9	94.4	94.4	94.4	100.0
16 YEARS	0.0	29.6	61.1	79.6	87.0	94.4	96.3	100.0	100.0	100.0
17 YEARS	4.2	30.5	59.3	77.1	82.2	87.3	93.2	94.9	95.8	100.0
18 YEARS	5.8	33.7	62.1	77.9	85.8	93.2	95.8	97.9	98.9	100.0
19 YEARS	4.1	31.4	61.4	78.5	86.0	93.9	95.6	97.6	98.6	100.0
(15-19 YRS)	(4.3)	(31.2)	(61.4)	(78.2)	(85.4)	(92.4)	(95.2)	(97.3)	(98.2)	(100.0)
20 YEARS	2.8	39.9	68.6	82.7	89.6	95.0	97.8	99.4	100.0	100.0
21 YEARS	4.0	39.9	71.7	85.8	92.1	94.9	97.5	98.6	99.4	100.0
22 YEARS	6.6	44.1	71.9	85.1	91.0	95.5	98.4	99.1	99.5	100.0
23 YEARS	8.6	48.9	76.5	88.6	92.5	95.3	97.8	99.1	99.4	100.0
24 YEARS	8.8	56.5	84.0	90.1	93.7	95.8	97.9	99.4	100.0	100.0
(20-24 YRS)	(6.5)	(46.7)	(75.2)	(86.8)	(91.9)	(95.3)	(97.9)	(99.1)	(99.7)	(100.0)
25-29 YRS	8.8	58.1	84.7	92.5	95.5	97.3	98.8	99.4	99.7	100.0
30-34 YRS	10.4	60.5	87.4	93.8	97.1	98.1	98.9	99.5	99.7	100.0
35-39 YRS	10.9	57.6	87.0	93.0	95.9	98.0	98.4	99.1	99.3	100.0
40-44 YRS	10.3	49.5	80.4	85.6	90.7	94.8	96.9	97.9	99.0	100.0
45+ YEARS	0.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UNKNOWN	16.7	16.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	100.0
TOTAL	8.4	53.3	81.0	90.0	94.1	96.6	98.2	99.1	99.5	100.0

* SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 22
1989 VERMONT BIRTHS

COUNTY OF RESIDENCE BY PLACE OF BIRTH

COUNTY OF RESIDENCE

PLACE OF BIRTH *	ADDIS	BENN	CALED	CHIT	ESSEX	FRANK	GR I	LAMOI	ORANGE	ORLEA	RUTL	WASH	WINDH	WINDS	O-O-S	TOTAL
AT HOME	15	1	13	31	1	7	2	6	12	5	8	15	16	14	1	147
BRATTLEBORO	0	1	1	0	0	0	0	0	1	0	0	0	320	8	131	462
COPLEY	0	0	33	5	0	11	0	227	0	23	0	33	0	0	1	333
GIFFORD MEMORIAL	8	2	1	3	0	1	0	2	121	0	26	104	1	111	7	387
NORTHWESTERN MED CTR	0	0	0	10	0	349	17	1	1	0	0	1	1	0	0	380
MEDICAL CTR. (MCHV)	161	2	9	2021	0	335	75	77	13	7	16	83	4	3	93	2899
NORTH COUNTRY	0	0	4	0	13	2	0	0	0	286	0	0	0	0	2	307
PORTER	331	0	0	6	0	0	0	0	0	0	66	1	0	0	73	477
SOUTHWESTERN MED CTR	0	375	0	1	0	0	0	0	0	0	5	0	20	0	131	532
ROCKINGHAM	0	0	0	0	0	0	0	0	0	0	0	0	27	0	10	37
RUTLAND	4	49	0	0	0	0	0	0	1	1	745	0	7	24	69	900
SPRINGFIELD	0	7	0	0	0	0	0	0	0	0	3	0	47	158	29	244
CENTRAL VERMONT	0	0	28	1	0	0	0	13	64	6	0	534	0	1	2	649
N.E. VT. REGIONAL	0	0	267	0	22	0	0	0	7	20	0	3	0	0	22	341
GRACE COTTAGE	0	0	0	0	0	0	0	0	0	0	0	0	27	2	0	29
OTHER PLACES	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2
OUT OF STATE HOSP.	1	86	63	4	49	3	2	1	154	5	26	5	97	439	0	935
TOTAL	520	523	419	2082	85	709	96	327	374	353	895	780	567	760	571	9061

*SEE APPENDIX A FOR COMPLETE HOSPITAL NAMES AND LOCATIONS

TABLE 23
1989 VERMONT BIRTHS

ATTENDANT BY PLACE OF BIRTH

	ATTENDANT						
PLACE OF BIRTH *	DOCTOR	CERTIFIED NURSE MIDWIFE	LAY MIDWIFE	FAMILY MEMBER	OTHER	UNKNOWN	TOTAL
AT HOME	7	1	111	14	12	2	147
BRATTLEBORO	462	0	0	0	0	0	462
COPLEY	329	0	0	0	4	0	333
GIFFORD MEMORIAL	310	77	0	0	0	0	387
NORTHWESTERN MED CTR	380	0	0	0	0	0	380
MEDICAL CTR. (MCHV)	2588	309	0	0	0	2	2899
NORTH COUNTRY	303	0	0	0	0	4	307
PORTER	476	0	0	0	0	1	477
SOUTHWESTERN MED CTR	532	0	0	0	0	0	532
ROCKINGHAM	37	0	0	0	0	0	37
RUTLAND	897	0	0	0	3	0	900
SPRINGFIELD	242	0	0	0	2	0	244
CENTRAL VERMONT	599	48	0	0	2	0	649
N.E. VT. REGIONAL	288	52	0	0	1	0	341
GRACE COTTAGE	29	0	0	0	0	0	29
OTHER PLACES	0	0	1	0	1	0	2
OUT OF STATE HOSP.	640	126	0	1	1	167	935
TOTAL	8119	613	112	15	26	176	9061

*SEE APPENDIX A FOR COMPLETE HOSPITAL NAMES AND LOCATIONS

TABLE 24
1989 VERMONT HOSPITAL BIRTHS

TYPE OF DELIVERY BY PLACE OF BIRTH
NUMBER OF EVENTS AND ROW PERCENTS

TYPE OF DELIVERY

NUMBER OF EVENTS

PLACE OF BIRTH *	VAGINAL	VAGINAL AFTER CAESAREAN	PRIMARY CAESAREAN	REPEAT CAESAREAN	UNKNOWN	TOTAL
BRATTLEBORO	356	16	52	38	0	462
COPLEY	272	9	33	19	0	333
GIFFORD MEMORIAL	307	9	42	29	0	387
NORTHWESTERN MED CTR	277	10	53	40	0	380
MEDICAL CTR. (MCHV)	2302	105	340	152	0	2899
NORTH COUNTRY	235	20	32	20	0	307
PORTER	414	10	27	26	0	477
SOUTHWESTERN MED CTR	373	5	81	73	0	532
ROCKINGHAM	35	0	1	1	0	37
RUTLAND	713	21	93	73	0	900
SPRINGFIELD	176	6	38	24	0	244
CENTRAL VERMONT	495	19	83	52	0	649
N.E. VT. REGIONAL	245	1	57	38	0	341
GRACE COTTAGE	29	0	0	0	0	29
TOTAL	6229	231	932	585	0	7977

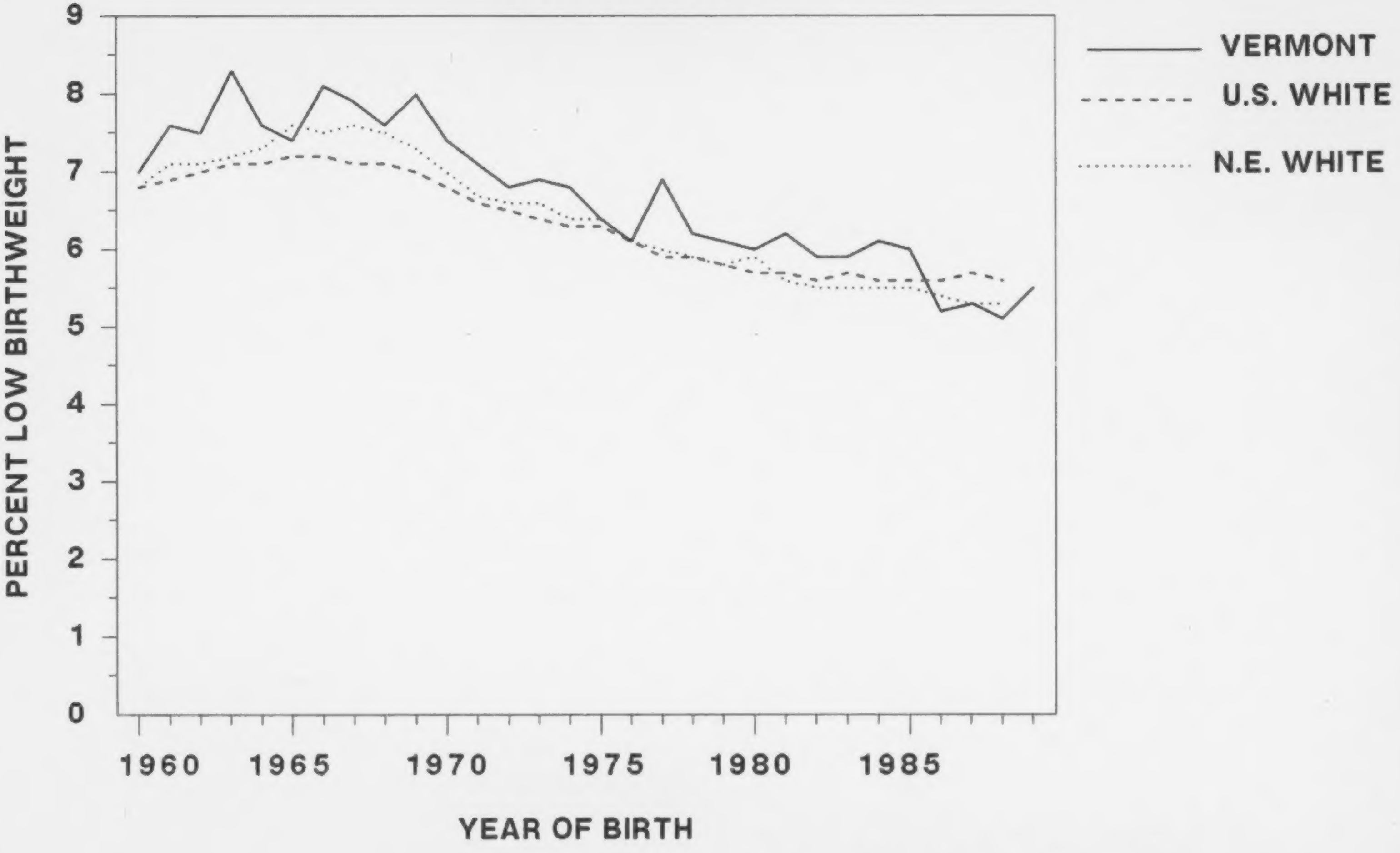
ROW PERCENTS

PLACE OF BIRTH *	VAGINAL	VAGINAL AFTER CAESAREAN	PRIMARY CAESAREAN	REPEAT CAESAREAN	UNKNOWN	TOTAL
BRATTLEBORO	77.1	3.5	11.3	8.2	0.0	100.0
COPLEY	81.7	2.7	9.9	5.7	0.0	100.0
GIFFORD MEMORIAL	79.3	2.3	10.9	7.5	0.0	100.0
NORTHWESTERN MED CTR	72.9	2.6	14.0	10.5	0.0	100.0
MEDICAL CTR. (MCHV)	79.4	3.6	11.7	5.2	0.0	100.0
NORTH COUNTRY	76.6	6.5	10.4	6.5	0.0	100.0
PORTER	86.8	2.1	5.7	5.5	0.0	100.0
SOUTHWESTERN MED CTR	70.1	0.9	15.2	13.7	0.0	100.0
ROCKINGHAM	94.6	0.0	2.7	2.7	0.0	100.0
RUTLAND	79.2	2.3	10.3	8.1	0.0	100.0
SPRINGFIELD	72.1	2.5	15.6	9.8	0.0	100.0
CENTRAL VERMONT	76.3	2.9	12.8	8.0	0.0	100.0
N.E. VT. REGIONAL	71.9	0.3	16.7	11.1	0.0	100.0
GRACE COTTAGE	100.0	0.0	0.0	0.0	0.0	100.0
TOTAL	78.1	2.9	11.7	7.3	0.0	100.0

*SEE APPENDIX A FOR COMPLETE HOSPITAL NAMES AND LOCATIONS

Figure 5

VERMONT, NEW ENGLAND WHITE AND U.S. WHITE PERCENT LOW BIRTHWEIGHT BIRTHS 1960-1989

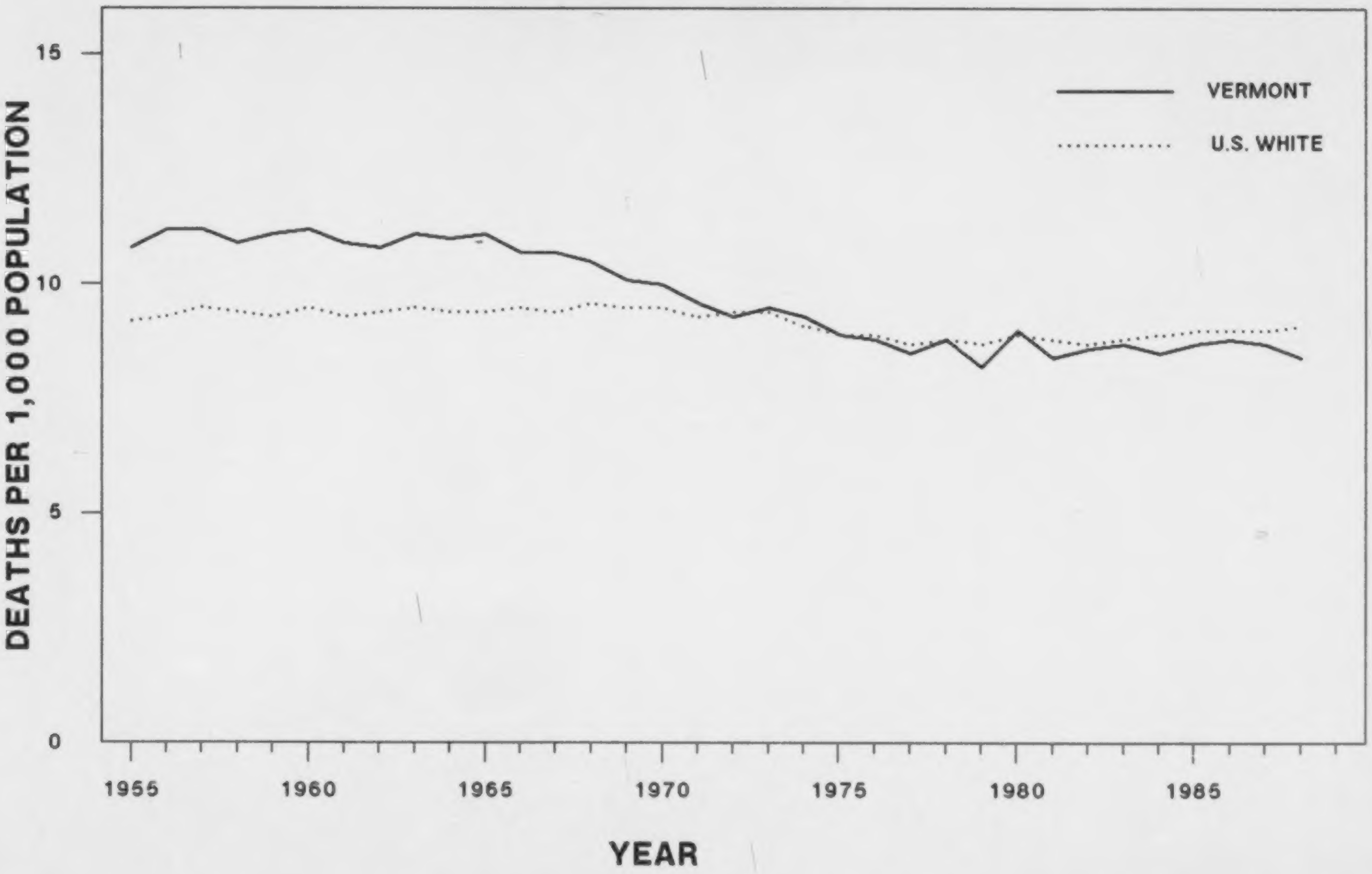


N.E. AND U.S. DATA FOR 1989 NOT AVAILABLE

Deaths

Figure 6

VERMONT AND U.S. WHITE CRUDE DEATH RATES 1955 - 1989



U.S. RATE FOR 1989 NOT AVAILABLE

DEATHS

In 1989, 4577 Vermont residents died, 83 fewer than in 1988. Combined with a population increase of 10,000, this has led to a decrease in the crude death rate to 8.1 deaths per 1,000 Vermonters, from 8.4 in 1988. The 1988 U.S. white crude death rate, the most recent available rate, was 9.1.

Seventy-two percent of the resident deaths were due to five major cause groups: heart disease (32.1%), malignant neoplasms(cancer) (23.9%), cerebrovascular disease(stroke) (6.5%), chronic obstructive pulmonary disease(COPD) (4.9%) and accidents (4.9%).

During the past decade the three leading causes of death were heart disease, cancer and stroke. Rankings among the remaining major causes have fluctuated almost annually, with COPD, accidents, and influenza & pneumonia occupying positions 4 through 6, and diabetes, suicide, diseases of the arteries, and chronic liver disease occupying positions 7 through 10.

Since 1980 there has been a decrease in the cause-specific mortality rates for heart disease, stroke and accidents, and an increase in the rate for COPD. Death rates for the remainder of the leading causes have been relatively stable.

Leading causes of death differ among age groups with younger deaths more likely to be accident-related. For ages one to 34, the leading cause of death is accidents, with motor vehicle accidents accounting for 30 percent of all deaths in this age group. For ages 35 to 74, deaths were closely split between cancer (35.4%) and heart disease (28.7%). After age 75, heart disease becomes the leading cause (37.6%), and the proportion of deaths caused by cancer decreases (17.2%).

Vermont males continue to die at an earlier age than females. The median age at death was 73 for males, and 80 for females. The age-adjusted death rate, which eliminates the effects of the aging of the population, for males was 1084.0 per 100,000 men while the rate for females was 624.9 per 100,000 women. Males had higher age-adjusted death rates than females for each of the ten leading causes of death. The largest differential was for suicide, while the smallest sex difference was for cerebrovascular disease.

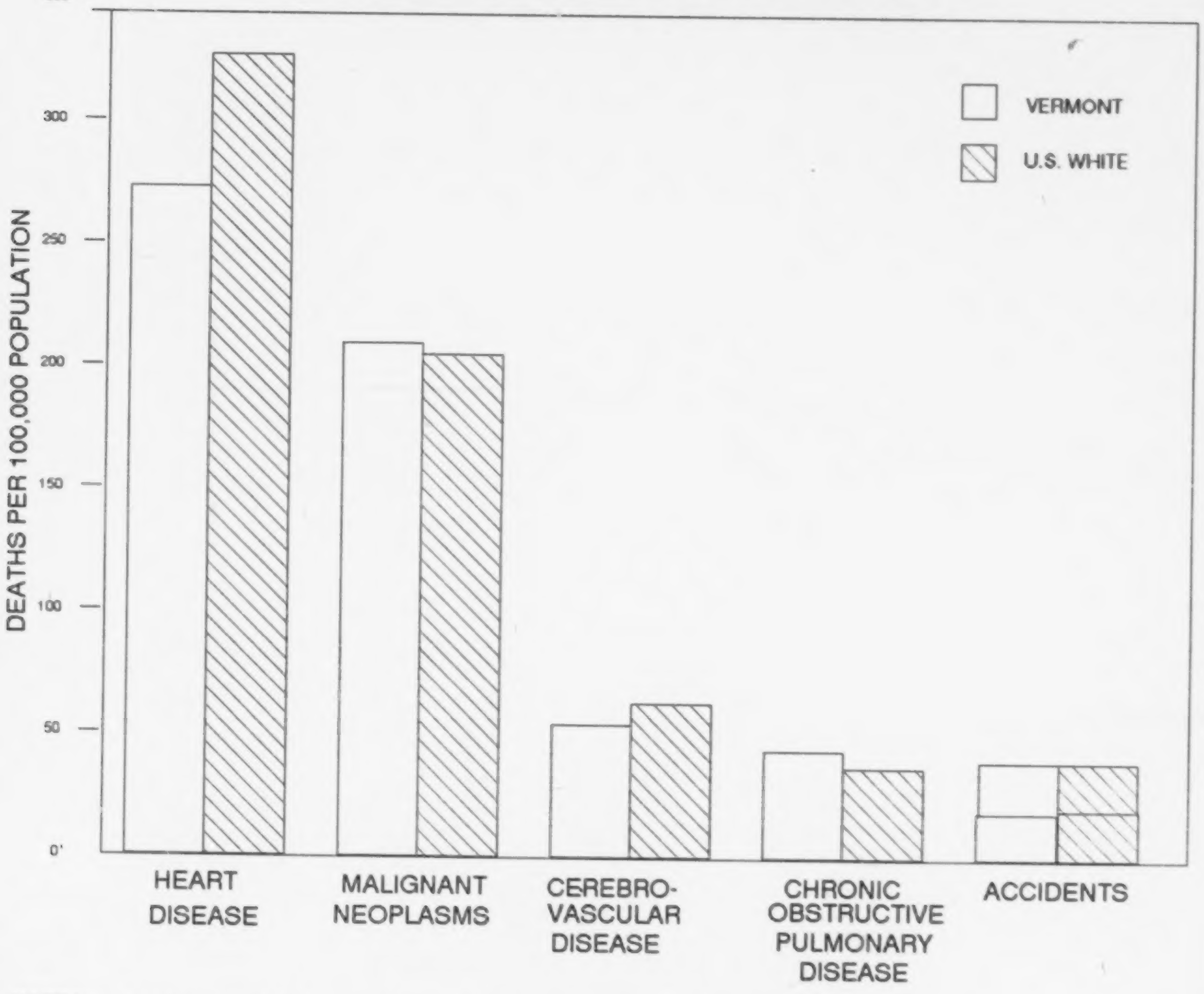
In 1989, 11 Vermont residents died of AIDS (acquired immune deficiency syndrome). The number of AIDS deaths reported in this publication differs from the number reported by the Health Department's AIDS Program because the AIDS Program assigns a patient's residence to the state in which the patient had the first onset of symptoms for AIDS. The Vital Statistics Unit codes residence as the state where the patient lived when death occurred.

Fifty-seven percent of all deaths occurred in a hospital. Eighty-two percent of these deaths were in-patients, the remainder died in the emergency room or as an out-patient. Nineteen percent of

Vermonters died at home, and twenty-two percent died in a nursing home.

Figure 7

FIVE LEADING CAUSES OF DEATH
VERMONT AND U.S. WHITE



NOTES:
1. Vermont data are for 1989; U.S. data are for 1988.
2. Vermont rates are age-adjusted to 1988 U.S. White population.
3. Accidents are partitioned into motor vehicle(lower) and other.

TABLE 25

1952-1989 Vermont Resident Deaths
10 Leading Causes of Death by Sex
Rates per 100,000 Population

		1989		1983-85	1979-81	1969-71	1959-61	1952-54
Cause of Death *		Number	Rate	Rate	Rate	Rate	Rate	Rate
1. Heart Disease								
9th: 390-398, 402, 404-429	T	1471	259.4	322.2	328.9	439.3	439.5	421.5
8th: 390-398, 402, 404, 410-429	M	735	267.1	331.6	354.4	495.7	498.5	496.4
(1.0126)	F	736	252.2	313.3	304.8	385.1	382.2	347.5
7th: 400-403 (1.000)								
2. Malignant Neoplasms								
9th: 140-208	T	1092	192.6	194.4	185.3	167.0	168.0	161.3
8th: 140-209 (1.0026)	M	577	209.7	209.3	200.1	180.2	176.9	161.0
7th: 140-205 (0.0988)	F	515	176.4	180.3	171.3	154.4	159.5	161.6
of Respiratory System								
9th: 160-165	T	266	46.9	47.5	46.9	31.4	23.6	14.0
8th: 160-163 (1.0007)	M	180	65.4	68.4	70.7	56.0	40.0	23.4
7th: 160-164 (1.024)	F	86	29.5	27.7	24.3	7.8	7.7	4.7
3. Cerebrovascular Disease								
9th: 430-438	T	298	52.6	59.2	64.9	117.1	131.9	129.7
8th: 430-438 (1.0049)	M	114	41.4	44.9	54.2	106.9	113.7	119.5
7th: 330-334 (0.981)	F	184	63.0	72.8	75.1	127.0	149.1	139.8
4. Chronic Obstructive Pulmonary Disease								
	T	225	39.7	39.4	31.1	Note: 1971 is the first year in which C.O.P.D. was coded.		
9th: 490-498	M	145	52.7	50.6	45.5			
8th: 490-493	F	80	27.4	28.8	17.4			
5. Accidents								
9th: E800-E949	T	222	39.2	40.3	47.0	58.4	49.4	47.5
8th: E800-E949 (0.9970)	M	144	52.3	57.6	66.4	79.7	68.7	64.1
7th: E800-E962 (0.926)	F	78	26.7	24.0	28.6	38.1	30.8	30.9
Motor Vehicle Accidents								
9th: E810-E825	T	107	18.9	19.1	24.8	26.0	21.0	17.0
8th: E810-E823 (1.0117)	M	72	26.2	29.4	37.7	37.4	33.0	24.3
7th: E810-E835 (0.974)	F	35	12.0	9.3	12.5	15.1	9.4	9.7
Other Accidents								
9th: E800-E807, E826-E949	T	115	20.3	21.3	22.2	32.4	28.3	30.2
8th: E800-E807, E825-E949	M	72	26.2	28.2	28.6	42.2	35.6	39.8
(0.9841)	F	43	14.7	14.7	16.1	22.9	21.3	21.1
7th: E840-E962 (0.884)								

TABLE 25

1952-1989 Vermont Resident Deaths
10 Leading Causes of Death by Sex
Rates per 100,000 Population

Cause of Death *		1989 Number	1989 Rate	1983-85 Rate	1979-81 Rate	1969-71 Rate	1959-61 Rate	1952-54 Rate
6. Influenza and Pneumonia								
9th: 480-487	T	174	30.7	29.6	25.1	35.3	40.8	27.0
8th: 470-474, 480-486 (0.9264)	M	75	27.3	28.2	24.1	38.4	44.2	29.9
7th: 480-483, 490-493 (0.993)	F	99	33.9	30.9	26.0	32.1	37.6	24.3
7. Diabetes Mellitus								
9th: 250	T	108	19.0	15.7	13.4	16.4	15.1	12.4
8th: 250 (0.9991)	M	54	19.6	13.8	10.8	14.3	10.4	10.5
7th: 260 (0.994)	F	54	18.5	17.4	15.8	18.5	19.7	14.3
8. Suicide								
9th: E950-E959	T	95	16.8	14.6	16.2	13.7	14.8	13.9
8th: E950-E959 (1.0032)	M	82	29.8	25.2	25.7	23.0	26.2	23.7
7th: E963, E970-E979 (0.939)	F	13	4.5	4.5	7.1	5.0	3.8	4.4
9. Diseases of Arteries								
9th: 441-448	T	62	10.9	10.3	12.3	11.0	7.3	4.2
8th: 441-448 (0.7409)	M	36	13.1	12.0	17.3	13.6	11.0	4.7
7th: 451-456 (1.549)	F	26	8.9	8.6	7.6	8.4	3.8	3.8
10. Chronic Liver Disease								
9th: 571	T	52	9.2	10.6	11.4	11.4	9.9	8.3
8th: 571 (1.0110)	M	35	12.7	14.6	14.7	15.3	12.2	10.1
7th: 581 (1.055)	F	17	5.8	6.9	8.3	7.6	7.7	6.6

* Cause of death is coded by the International Classification of Diseases, Adapted (ICDA). Deaths in 1952-1957 were coded according to the 6th ICDA revision (ICDA-6), 1958-67 deaths according to ICDA-7, 1968-78 deaths according to ICDA-8 and 1979 to the present according to ICD-9. Although there is little difference between ICDA-6 and ICDA-7, significant changes were made in ICDA-8 and ICD-9. Therefore code numbers for ICDA-7,ICDA-8 and ICD-9 are given in addition to comparability ratios which have been applied to earlier rates to make them comparable to the ICD-9 rates. (Ratios from "Monthly Vital Statistics Report", Volume 17, #8 Supplement, October 25, 1968, and Volume 28, #11 Supplement, February 29, 1980; DHEW, NCHS, Washington, D.C.)

TABLE 26

1989 VERMONT RESIDENT DEATHS LEADING CAUSES OF DEATH BY AGE GROUPS AND SEX

NUMBERS OF DEATHS AND AGE-SPECIFIC DEATH RATES PER 100,000 POPULATION

AGE GROUP AND CAUSE	NUMBER OF DEATHS	RATES		
		TOTAL	MALE	FEMALE
Under 1 Year *	58	6.8	7.6	6.1
Conditions of the Perinatal Period	31	3.7	3.9	3.4
1-4 Years	13	37.0	5.5	71.1
5-14 Years **	22	29.7	34.1	25.0
15-24 Years	77	87.2	131.3	44.6
Motor Vehicle Accidents	34	38.5	55.3	22.3
25-44 Years	237	123.5	171.2	77.1
Malignant Neoplasms	47	24.5	22.2	26.7
Suicide	38	19.8	37.0	3.1
Diseases of the Heart	34	17.7	22.2	13.4
Motor Vehicle Accidents	33	17.2	26.4	8.2
45-64 Years	745	724.7	916.6	540.9
Malignant Neoplasms	289	281.1	304.2	259.0
Diseases of the Heart	209	203.3	298.2	112.4
Chronic Liver Disease	35	34.0	49.7	19.0
C.O.P.D. #	25	24.3	35.8	13.3
Suicide	25	24.3	35.8	13.3
65-74 Years	934	2552.5	3638.6	1698.6
Diseases of the Heart	288	787.1	1241.8	429.5
Malignant Neoplasms	316	863.6	1130.1	654.1
C.O.P.D. #	72	196.8	304.3	112.3
Cerebrovascular Disease	39	106.6	124.2	92.7
Diabetes Mellitus	22	60.1	99.3	29.3
75+ Years	2491	8351.8	10361.3	7326.6
Diseases of the Heart	936	3138.2	3582.8	2911.4
Malignant Neoplasms	429	1438.3	2133.8	1083.5
Cerebrovascular Disease	233	781.2	794.0	774.7
Pneumonia & Influenza	147	492.9	585.5	445.6
C.O.P.D. #	126	422.5	774.1	243.0

* Death rates of those under 1, are per 1,000 live births.
# Chronic obstructive pulmonary disease
** Causes of less than 20 deaths are not listed.

TABLE 27

GEOGRAPHIC DISTRIBUTION OF 1989 VERMONT DEATHS

DEATHS OCCURRING IN VERMONT

STATE OF RESIDENCE	NUMBER
CALIFORNIA	3
CONNECTICUT	23
DELAWARE	1
FLORIDA	19
GEORGIA	3
HAWAII	1
ILLINOIS	2
MAINE	3
MARYLAND	1
MASSACHUSETTS	39
MICHIGAN	1
MINNESOTA	1
NEBRASKA	1
NEW HAMPSHIRE	164
NEW JERSEY	19
NEW YORK	233
NORTH CAROLINA	1
PENNSYLVANIA	4
RHODE ISLAND	3
SOUTH CAROLINA	2
TENNESSEE	1
VERMONT	4148
WASHINGTON	2
WASHINGTON D.C.	1
VIRGIN ISLANDS	1
CANADA	5
OTHER	1
TOTAL	4683

VERMONT RESIDENT DEATHS

STATE OF DEATH	NUMBER
ARIZONA	1
ARKANSAS	1
CALIFORNIA	3
COLORADO	2
CONNECTICUT	1
FLORIDA	25
GEORGIA	1
ILLINOIS	1
INDIANA	1
IOWA	4
LOUISIANA	1
MAINE	3
MARYLAND	5
MASSACHUSETTS	42
MICHIGAN	1
MINNESOTA	1
MISSISSIPPI	1
MISSOURI	1
NEBRASKA	2
NEW HAMPSHIRE	281
NEW JERSEY	1
NEW YORK	27
NORTH CAROLINA	4
OHIO	3
PENNSYLVANIA	6
RHODE ISLAND	2
SOUTH CAROLINA	1
TEXAS	1
VERMONT	4148
VIRGINIA	3
WASHINGTON	1
CANADA	2
TOTAL	4577

TABLE 28
1989 VERMONT RESIDENT DEATHS

AGE AT DEATH BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	TOTAL
	AGE											
ADDISON	6	1	1	11	4	11	13	23	47	59	51	227
BENNINGTON	5	0	0	5	1	7	20	40	85	111	108	382
CALEDONIA	4	1	1	1	4	5	13	26	41	60	71	227
CHITTENDEN	16	3	3	12	23	39	47	88	161	202	184	778
ESSEX	1	1	1	2	3	1	6	10	3	18	12	58
FRANKLIN	6	0	2	5	8	7	14	48	67	109	68	334
GRAND ISLE	0	0	1	2	1	3	1	8	9	13	8	46
LAMOILLE	1	1	0	3	2	3	4	21	35	41	33	144
ORANGE	2	1	2	2	6	8	9	27	33	56	56	202
ORLEANS	2	0	3	2	2	6	13	33	60	80	68	269
RUTLAND	5	1	4	8	10	11	19	57	128	173	139	555
WASHINGTON	3	0	2	12	12	11	14	56	97	147	131	485
WINDHAM	2	2	2	7	9	17	16	34	76	116	98	379
WINDSOR	5	2	0	5	4	19	24	61	92	158	121	491
TOTAL	58	13	22	77	89	148	213	532	934	1343	1148	4577

TABLE 29
1989 VERMONT RESIDENT DEATHS

AGE AT DEATH BY COUNTY OF RESIDENCE FOR THOSE OVER 1
AGE-SPECIFIC AND AGE-ADJUSTED RATES PER 100,000 POPULATION

AGE-SPECIFIC DEATH RATES

COUNTY OF RESIDENCE	AGE 1-24	25-34	35-44	45-54	55-64	65-74	75+	AGE-ADJUSTED RATES
ADDISON	101.4	75.2	209.8	408.2	976.2	2437.8	7719.3	781.9
BENNINGTON	40.9	16.4	130.3	517.7	1167.2	3144.7	8683.6	862.2
CHITTENDEN	36.9	83.4	185.6	361.1	939.9	2708.2	8288.6	790.3
FRANKLIN & GRAND ISLE	61.6	114.9	146.7	337.3	1503.8	2743.7	9256.7	894.2
LAMOILLE	58.6	56.0	91.8	207.1	1532.8	3025.1	7429.7	800.1
NORTHEAST KINGDOM*	56.4	92.7	133.3	561.2	1362.0	2317.3	8874.2	855.7
ORANGE	54.7	134.2	206.3	372.7	1367.8	1978.4	8223.2	806.7
RUTLAND	63.8	91.6	113.3	302.5	1052.4	2677.8	7934.9	766.8
WASHINGTON	72.8	124.1	124.5	245.3	1207.7	2596.4	8363.4	802.3
WINDHAM	82.0	123.1	244.3	388.7	969.5	2627.9	8685.1	837.5
WINDSOR	40.9	39.4	205.7	388.0	1193.0	2033.1	7919.4	748.1
TOTAL	56.7	86.7	165.7	374.7	1157.7	2552.5	8351.8	807.2

NOTES:
AGE-ADJUSTED RATES ADJUST THE COUNTY AGE-SPECIFIC RATES TO THE 1989 VERMONT AGE DISTRIBUTION
COUNTY TOTAL AGE-ADJUSTED RATES INCLUDE THE 'UNDER 1' DEATHS
THE NORTHEAST KINGDOM INCLUDES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

TABLE 31
1989 VERMONT RESIDENT DEATHS

MONTH OF DEATH BY COUNTY OF RESIDENCE

MONTH OF DEATH *

COUNTY OF RESIDENCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ADDISON	20	19	23	13	19	10	16	21	16	28	18	23	227
BENNINGTON	32	42	32	29	46	30	22	31	31	30	37	20	382
CALEDONIA	21	14	17	26	24	23	13	15	22	12	19	21	227
CHITTENDEN	69	64	69	62	67	75	68	63	60	48	59	74	778
ESSEX	5	5	5	3	5	3	3	8	5	8	3	5	58
FRANKLIN	38	30	28	26	26	21	29	22	21	25	42	26	334
GRAND ISLE	4	3	4	3	2	5	5	4	3	5	2	6	46
LAMOILLE	15	17	12	9	11	15	10	13	9	11	10	12	144
ORANGE	23	20	22	14	9	15	11	12	16	18	17	25	202
ORLEANS	20	21	16	27	28	29	28	16	18	15	20	31	269
RUTLAND	55	56	54	48	50	37	40	37	49	43	46	40	555
WASHINGTON	52	37	44	39	36	40	40	40	42	41	39	35	485
WINDHAM	34	27	34	33	45	32	30	27	23	26	29	39	379
WINDSOR	41	36	47	44	36	39	46	38	41	33	41	49	491
TOTAL	429	391	407	376	404	374	361	347	356	343	382	406	4577

TABLE 32
1989 VERMONT RESIDENT DEATHS

MONTH OF DEATH BY DISPOSITION OF BODY

MONTH OF DEATH *

DISPOSITION OF BODY	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
BURIAL	77	72	83	177	257	221	225	228	220	221	222	85	2089
CREMATION	109	80	93	103	90	98	79	75	94	84	88	111	1104
TEMPORARY STORAGE	209	184	175	46	0	1	1	1	1	1	29	166	814
DONATION	6	3	2	2	7	4	3	5	2	3	5	0	42
OUT OF STATE REMOVAL	26	48	51	46	47	49	52	37	37	34	36	44	507
UNKNOWN	2	4	3	2	3	1	1	1	2	0	2	0	21
TOTAL	429	391	407	376	404	374	361	347	356	343	382	406	4577

* There is one event in which the 'month of death' is unknown

TABLE 33
1989 VERMONT RESIDENT DEATHS

RACE BY COUNTY OF RESIDENCE

COUNTY OF RESIDENCE	RACE WHITE	BLACK	OTHER	UNKNOWN	TOTAL
ADDISON	226	0	0	1	227
BENNINGTON	379	2	0	1	382
CALEDONIA	227	0	0	0	227
CHITTENDEN	776	1	0	1	778
ESSEX	57	0	0	1	58
FRANKLIN	333	1	0	0	334
GRAND ISLE	46	0	0	0	46
LAMOILLE	144	0	0	0	144
ORANGE	202	0	0	0	202
ORLEANS	267	0	0	2	269
RUTLAND	555	0	0	0	555
WASHINGTON	481	1	2	1	485
WINDHAM	376	1	0	2	379
WINDSOR	490	0	0	1	491
TOTAL	4559	6	2	10	4577

TABLE 34
1989 VERMONT RESIDENT DEATHS

AUTOPSY BY CERTIFIER OF DEATH

NUMBER OF EVENTS, ROW AND COLUMN PERCENTS

AUTOPSY

CERTIFIER	NUMBER OF EVENTS AUTOPSY	NONE	UNKNOWN	TOTAL	ROW PERCENTS AUTOPSY	NONE	UNKNOWN	TOTAL	COLUMN PERCENTS AUTOPSY	NONE	UNKNOWN	TOTAL
STAFF DOCTOR	85	954	80	1119	7.6	85.3	7.1	100.0	14.2	26.2	23.4	24.4
ATTENDING DOCTOR	71	2272	154	2497	2.8	91.0	6.2	100.0	11.8	62.5	45.0	54.6
MEDICAL EXAMINER	189	320	37	546	34.6	58.6	6.8	100.0	31.5	8.8	10.8	11.9
PATHOLOGIST	222	2	10	234	94.9	0.9	4.3	100.0	37.0	0.1	2.9	5.1
M.D.	7	20	52	79	8.9	25.3	65.8	100.0	1.2	0.6	15.2	1.7
UNKNOWN	26	67	9	102	25.5	65.7	8.8	100.0	4.3	1.8	2.6	2.2
TOTAL	600	3635	342	4577	13.1	79.4	7.5	100.0	100.0	100.0	100.0	100.0

TABLE 35
1989 VERMONT RESIDENT DEATHS

SEX BY 72 SELECTED CAUSES

	NUMBER OF EVENTS			COLUMN PERCENTS			RATES PER 100,000 POPULATION		
							AGE-ADJUSTED RATES		CRUDE DEATH RATES
CAUSE OF DEATH *	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	
SHIGELLOSIS AND AMEBIASIS	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
CERTAIN OTHER INTESTINAL INFECTIONS	0	1	1	0.0	0.0	0.0	0.0	0.2	0.2
TUBERCULOSIS	1	1	2	0.0	0.0	0.0	0.4	0.3	0.4
TUBERCULOSIS OF RESPIRATORY SYSTEM	1	1	2	0.0	0.0	0.0	0.4	0.3	0.4
OTHER TUBERCULOSIS	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
WHOOPING COUGH	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
STREPTOCOCCAL SORE THROAT & SCARLATINA	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
MENINGOCOCCAL INFECTION	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
SEPTICEMIA	5	13	18	0.2	0.6	0.4	2.4	3.4	3.2
ACUTE POLIOMYELITIS	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
MEASLES	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
VIRAL HEPATITIS	2	0	2	0.1	0.0	0.0	0.7	0.0	0.4
SYPHILIS	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	24	7	31	1.0	0.3	0.7	9.0	2.1	5.5
MALIGNANT NEOPLASMS	577	515	1092	24.5	23.2	23.9	254.8	156.1	192.6
OF LIP, ORAL CAVITY AND PHARYNX	12	5	17	0.5	0.2	0.4	4.5	1.4	3.0
OF DIGESTIVE ORGANS AND PERITONEUM	138	134	272	5.9	6.0	5.9	59.5	38.8	48.0
OF RESPIRATORY AND INTRATHORACIC ORGANS	180	86	266	7.6	3.9	5.8	76.4	26.9	46.9
OF BREAST	1	94	95	0.0	4.2	2.1	0.4	29.5	16.8
OF GENITAL ORGANS	76	58	134	3.2	2.6	2.9	39.8	17.8	23.6
OF URINARY ORGANS	38	15	53	1.6	0.7	1.2	17.9	4.4	9.3
OF OTHER AND UNSPECIFIED SITES	77	71	148	3.3	3.2	3.2	32.8	21.6	26.1
LEUKEMIA	19	20	39	0.8	0.9	0.9	8.3	6.2	6.9
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	36	32	68	1.5	1.4	1.5	15.2	9.6	12.0
BENIGN NEOPLASMS	9	6	15	0.4	0.3	0.3	4.2	1.9	2.6
DIABETES MELLITUS	54	54	108	2.3	2.4	2.4	24.4	15.2	19.0
NUTRITIONAL DEFICIENCIES	5	7	12	0.2	0.3	0.3	3.0	1.7	2.1
ANEMIAS	4	9	13	0.2	0.4	0.3	2.2	2.6	2.3
MENINGITIS	0	1	1	0.0	0.0	0.0	0.0	0.2	0.2
MAJOR CARDIOVASCULAR DISEASES	907	977	1884	38.5	44.0	41.2	433.2	261.3	332.3
DISEASES OF HEART	735	736	1471	31.2	33.2	32.1	345.9	197.9	259.4
RHEUMATIC FEVER AND HEART DISEASE	5	10	15	0.2	0.5	0.3	2.3	3.0	2.6
HYPERTENSIVE HEART DISEASE	17	31	48	0.7	1.4	1.0	7.9	8.6	8.5
HYPERTENSIVE HEART AND RENAL DISEASE	0	4	4	0.0	0.2	0.1	0.0	0.9	0.7
ISCHEMIC HEART DISEASE	497	433	930	21.1	19.5	20.3	226.9	117.6	164.0
ACUTE MYOCARDIAL INFARCTION	290	213	503	12.3	9.6	11.0	128.9	58.9	88.7
OTHER ACUTE AND SUBACUTE FORMS	4	4	8	0.2	0.2	0.2	1.9	1.2	1.4
ANGINA PECTORIS	3	2	5	0.1	0.1	0.1	1.3	0.6	0.9
CHRONIC ISCHEMIC HEART DISEASE	200	214	414	8.5	9.6	9.0	94.9	57.0	73.0
OTHER DISEASES OF ENDOCARDIUM	22	20	42	0.9	0.9	0.9	11.2	5.2	7.4
ALL OTHER FORMS OF HEART DISEASE	194	238	432	8.2	10.7	9.4	97.5	62.6	76.2
HYPERTENSION	13	13	26	0.6	0.6	0.6	7.0	3.4	4.6
CEREBROVASCULAR DISEASE	114	184	298	4.8	8.3	6.5	58.6	48.4	52.6
INTRACRANIAL HEMORRHAGE	12	26	38	0.5	1.2	0.8	5.7	7.3	6.7
CEREBRAL THROMBOSIS AND OCCLUSION	20	25	45	0.8	1.1	1.0	10.2	6.6	7.9
CEREBRAL EMBOLISM	0	2	2	0.0	0.1	0.0	0.0	0.6	0.4
OTHER CEREBROVASCULAR DISEASES	82	131	213	3.5	5.9	4.7	42.8	33.9	37.6

TABLE 35 (CONT)
1989 VERMONT RESIDENT DEATHS

SEX BY 72 SELECTED CAUSES

	NUMBER OF EVENTS			COLUMN PERCENTS			RATES PER 100,000 POPULATION AGE-ADJUSTED RATES		RATES PER 100,000 POPULATION
CAUSE OF DEATH *	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	CRUDE DEATH RATES
ATHEROSCLEROSIS	10	18	28	0.4	0.8	0.6	5.5	4.3	4.9
OTHER DISEASES OF ARTERIES	35	26	61	1.5	1.2	1.3	16.3	7.2	10.8
ACUTE BRONCHITIS	2	0	2	0.1	0.0	0.0	1.1	0.0	0.4
PNEUMONIA AND INFLUENZA	75	99	174	3.2	4.5	3.8	43.0	25.3	30.7
PNEUMONIA	75	97	172	3.2	4.4	3.8	43.0	24.7	30.3
INFLUENZA	0	2	2	0.0	0.1	0.0	0.0	0.5	0.4
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	145	80	225	6.2	3.6	4.9	67.8	23.3	39.7
BRONCHITIS	9	6	15	0.4	0.3	0.3	4.1	1.5	2.6
EMPHYSEMA	13	10	23	0.6	0.5	0.5	5.6	3.1	4.1
ASTHMA	4	8	12	0.2	0.4	0.3	1.7	2.5	2.1
OTHER	119	56	175	5.0	2.5	3.8	56.5	16.2	30.9
ULCER OF STOMACH AND DUODENUM	8	4	12	0.3	0.2	0.3	4.1	1.2	2.1
APPENDICITIS	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	7	6	13	0.3	0.3	0.3	3.3	1.6	2.3
CHRONIC LIVER DISEASE AND CIRRHOSIS	35	17	52	1.5	0.8	1.1	13.3	5.4	9.2
GALLBLADDER DISORDERS	3	5	8	0.1	0.2	0.2	1.7	1.5	1.4
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	16	22	38	0.7	1.0	0.8	8.0	6.2	6.7
ACUTE GLOMERULONEPHRITIS	1	0	1	0.0	0.0	0.0	0.4	0.0	0.2
CHRONIC GLOMERULONEPHRITIS	0	3	3	0.0	0.1	0.1	0.0	0.8	0.5
RENAL FAILURE	15	19	34	0.6	0.9	0.7	7.6	5.4	6.0
INFECTIONS OF KIDNEY	0	2	2	0.0	0.1	0.0	0.0	0.6	0.4
HYPERPLASIA OF PROSTRATE	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	0	1	1	0.0	0.0	0.0	0.0	0.3	0.2
PREGNANCY WITH ABORTIVE OUTCOME	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER COMPLICATIONS	0	1	1	0.0	0.0	0.0	0.0	0.3	0.2
CONGENITAL ANOMALIES	8	12	20	0.3	0.5	0.4	2.9	4.1	3.5
CERTAIN PERINATAL CONDITIONS	17	14	31	0.7	0.6	0.7	5.9	5.0	5.5
BIRTH TRAUMA	6	2	8	0.3	0.1	0.2	2.1	0.7	1.4
OTHER PERINATAL CONDITIONS	11	12	23	0.5	0.5	0.5	3.8	4.3	4.1
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	13	8	21	0.6	0.4	0.5	4.8	2.5	3.7
ALL OTHER DISEASES	204	265	469	8.7	11.9	10.2	100.4	73.1	82.7
ACCIDENTS AND ADVERSE EFFECTS	145	78	223	6.2	3.5	4.9	58.2	24.3	39.3
MOTOR VEHICLE ACCIDENTS	72	35	107	3.1	1.6	2.3	27.2	11.7	18.9
ALL OTHER ACCIDENTS	73	43	116	3.1	1.9	2.5	30.9	12.6	20.5
SUICIDE	82	13	95	3.5	0.6	2.1	31.9	4.5	16.8
HOMICIDE AND LEGAL INTERVENTION	9	3	12	0.4	0.1	0.3	3.4	1.0	2.1
ALL OTHER EXTERNAL CAUSES	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
ALL CAUSES	2357	2220	4577	100.0	100.0	100.0	1084.0	624.9	807.2

* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.

TABLE 36
1989 VERMONT RESIDENT DEATHS

COUNTY OF RESIDENCE BY 72 SELECTED CAUSES

CAUSE OF DEATH *	ADDIS	BENN	CALED	CHIT	ESSEX	FRANK	GR I	LAMOI	ORANG	ORLEA	RUTL	WASH	WINDH	WINDS	TOTAL
SHIGELLOSIS AND AMEBIASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERTAIN OTHER INTESTINAL INFECTIONS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
TUBERCULOSIS	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
TUBERCULOSIS OF RESPIRATORY SYSTEM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
OTHER TUBERCULOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHOOPING COUGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STREPTOCOCCAL SORE THROAT AND SCARLATINA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MENINGOCOCCAL INFECTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEPTICEMIA	0	3	1	3	0	3	0	0	2	0	3	2	0	1	18
ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEASLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIRAL HEPATITIS	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
SYPHILIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	6	3	2	7	1	0	0	0	0	1	1	3	4	3	31
MALIGNANT NEOPLASMS	47	90	53	180	15	80	21	44	47	73	122	101	92	127	1092
OF LIP, ORAL CAVITY AND PHARYNX	0	0	1	2	0	2	0	0	0	1	2	4	4	1	17
OF DIGESTIVE ORGANS AND PERITONEUM	15	27	11	38	4	20	5	9	12	21	33	22	21	34	272
OF RESPIRATORY AND INTRATHORACIC ORGANS	13	21	14	50	3	23	5	10	9	14	30	18	26	30	266
OF BREAST	5	5	6	22	1	5	2	3	5	3	11	8	11	8	95
OF GENITAL ORGANS	3	16	6	18	4	10	2	5	8	6	16	12	13	15	134
OF URINARY ORGANS	1	2	2	8	0	2	1	2	2	6	7	8	3	9	53
OF OTHER AND UNSPECIFIED SITES	6	14	6	28	2	11	5	9	3	7	17	12	7	21	148
LEUKEMIA	0	1	3	6	1	4	0	1	3	6	2	6	2	4	39
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	4	4	4	8	0	3	1	5	5	9	4	11	5	5	68
BENIGN NEOPLASMS	0	0	1	3	0	0	0	2	2	2	1	0	0	4	15
DIABETES MELLITUS	10	10	7	17	2	7	0	4	6	4	12	10	12	7	108
NUTRITIONAL DEFICIENCIES	0	0	0	2	0	1	0	0	0	1	0	4	1	3	12
ANEMIAS	0	3	0	1	0	1	0	0	0	2	1	4	0	1	13
MENINGITIS	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
MAJOR CARDIOVASCULAR DISEASES	84	155	91	316	19	149	15	47	84	101	266	204	148	205	1884
DISEASES OF HEART	62	127	70	247	14	120	14	33	63	82	211	151	111	166	1471
RHEUMATIC FEVER AND HEART DISEASE	0	3	2	2	0	3	0	0	0	1	3	0	0	1	15
HYPERTENSIVE HEART DISEASE	0	3	4	10	0	3	0	4	2	2	7	5	4	4	48
HYPERTENSIVE HEART AND RENAL DISEASE	0	0	0	2	0	1	0	0	0	0	1	0	0	0	4
ISCHEMIC HEART DISEASE	45	89	41	144	10	59	10	21	41	66	113	97	83	111	930
ACUTE MYOCARDIAL INFARCTION	26	43	22	74	5	45	7	10	28	30	69	43	37	64	503
OTHER ACUTE AND SUBACUTE FORMS	1	0	0	0	0	0	0	0	0	0	0	6	0	1	8
ANGINA PECTORIS	0	0	0	1	0	1	0	0	0	0	1	1	1	0	5
CHRONIC ISCHEMIC HEART DISEASE	18	46	19	69	5	13	3	11	13	36	43	47	45	46	414
OTHER DISEASES OF ENDOCARDIUM	1	6	2	8	1	1	0	1	3	1	5	7	1	5	42
ALL OTHER FORMS OF HEART DISEASE	16	26	21	81	3	53	4	7	17	12	82	42	23	45	432
HYPERTENSION	4	2	4	2	0	2	0	1	2	0	3	0	3	3	26
CEREBROVASCULAR DISEASES	15	23	16	54	3	14	1	9	13	17	38	43	27	25	298
INTRACRANIAL HEMORRHAGE	2	2	3	10	0	1	0	0	1	1	8	3	3	4	38
CEREBRAL THROMBOSIS AND OCCLUSION	1	1	0	10	0	2	0	1	2	2	14	6	4	2	45
CEREBRAL EMBOLISM	1	0	0	0	0	0	0	0	0	1	0	0	0	0	2
OTHER CEREBROVASCULAR DISEASES	11	20	13	34	3	11	1	8	10	13	16	34	20	19	213

TABLE 36 (CONT)
1989 VERMONT RESIDENT DEATHS

COUNTY OF RESIDENCE BY 72 SELECTED CAUSES

CAUSE OF DEATH *	ADDIS	BENN	CALED	CHIT	ESSEX	FRANK	GR I	LAMOI	ORANG	ORLEA	RUTL	WASH	WINDH	WINDS	TOTAL
ATHEROSCLEROSIS	1	1	1	4	0	4	0	0	2	0	6	2	1	6	28
OTHER DISEASES OF ARTERIES	2	2	0	9	2	9	0	4	4	2	8	8	6	5	61
ACUTE BRONCHITIS	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2
PNEUMONIA AND INFLUENZA	11	19	6	27	1	10	1	7	13	12	20	16	18	13	174
PNEUMONIA	11	19	6	27	1	9	1	6	13	12	20	16	18	13	172
INFLUENZA	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	15	22	14	36	2	14	2	10	7	13	27	21	17	25	225
BRONCHITIS	0	3	1	2	0	1	0	0	0	1	3	3	1	0	15
EMPHYSEMA	2	3	2	4	0	0	0	1	0	1	2	2	2	4	23
ASTHMA	1	1	0	1	0	0	0	1	1	0	2	0	2	3	12
OTHER	12	15	11	29	2	13	2	8	6	11	20	16	12	18	175
ULCER OF STOMACH AND DUODENUM	0	2	2	2	0	0	0	0	0	0	0	2	2	2	12
APPENDICITIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HERNIA AND INTESTINAL OBSTRUCTION	2	1	0	2	1	0	0	2	1	2	1	0	1	0	13
CHRONIC LIVER DISEASE AND CIRRHOSIS	3	6	5	13	1	1	0	2	2	1	3	8	4	3	52
GALLBLADDER DISORDERS	1	1	0	2	0	0	0	1	0	2	0	0	0	1	8
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	0	3	1	10	0	2	1	1	0	2	3	5	6	4	38
ACUTE GLOMERULONEPHRITIS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
CHRONIC GLOMERULONEPHRITIS	0	0	0	0	0	0	0	1	0	0	0	0	1	1	3
RENAL FAILURE	0	3	1	10	0	2	1	0	0	2	3	5	4	3	34
INFECTIONS OF KIDNEY	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
HYPERPLASIA OF PROSTRATE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
PREGNANCY WITH ABORTIVE OUTCOME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER COMPLICATIONS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
CONGENITAL ANOMALIES	1	2	1	5	0	2	0	0	1	1	2	0	1	4	20
CERTAIN PERINATAL CONDITIONS	1	1	3	10	0	3	0	1	1	2	3	3	1	2	31
BIRTH TRAUMA	1	0	0	3	0	1	0	1	0	1	0	0	1	0	8
OTHER PERINATAL CONDITIONS	0	1	3	7	0	2	0	0	1	1	3	3	0	2	23
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	2	3	0	4	2	2	0	1	2	1	3	0	1	0	21
ALL OTHER DISEASES	24	43	28	75	8	35	3	13	16	34	48	55	36	51	469
ACCIDENTS AND ADVERSE EFFECTS	18	8	9	44	3	17	3	8	12	5	23	30	20	23	223
MOTOR VEHICLE ACCIDENTS	10	3	3	25	1	6	2	4	5	0	14	15	6	13	107
ALL OTHER ACCIDENTS	8	5	6	19	2	11	1	4	7	5	9	15	14	10	116
SUICIDE	2	6	2	13	3	7	0	1	5	8	12	12	13	11	95
HOMICIDE AND LEGAL INTERVENTION	0	0	1	4	0	0	0	0	0	1	3	2	0	1	12
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL CAUSES	227	382	227	778	58	334	46	144	202	269	555	485	379	491	4577

* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.

TABLE 37
1989 VERMONT RESIDENT DEATHS
AGE-ADJUSTED RATES PER 100,000 POPULATION

COUNTY OF RESIDENCE BY 72 SELECTED CAUSES

	AGE-ADJUSTED RATES											
CAUSE OF DEATH *	ADDIS	BENN	CHIT	FR/GI	LAM	N.E.K.	ORANG	RUTL	WASH	WINDH	WINDS	CRUDE DEATH RATES
SHIGELLOSIS AND AMEBIASIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CERTAIN OTHER INTESTINAL INFECTIONS	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
TUBERCULOSIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.3	0.0	0.4
TUBERCULOSIS OF RESPIRATORY SYSTEM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.3	0.0	0.4
OTHER TUBERCULOSIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WHOOPING COUGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STREPTOCOCCAL SORE THROAT & SCARLATINA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MENINGOCOCCAL INFECTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SEPTICEMIA	0.0	6.7	3.3	7.2	0.0	1.6	7.9	4.0	3.1	0.0	1.5	3.2
ACUTE POLIOMYELITIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEASLES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VIRAL HEPATITIS	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	1.7	0.0	0.0	0.4
SYPHILIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	18.5	6.8	6.0	0.0	0.0	6.7	0.0	1.4	5.4	9.6	4.9	5.5
MALIGNANT NEOPLASMS	161.3	204.6	180.4	237.0	245.6	218.5	185.1	170.1	169.2	204.9	192.1	192.6
OF LIP, ORAL CAVITY AND PHARYNX	0.0	0.0	1.9	4.5	0.0	3.3	0.0	3.1	7.0	8.8	1.6	3.0
OF DIGESTIVE ORGANS AND PERITONEUM	51.2	60.0	39.7	59.0	50.6	54.7	47.6	44.8	36.6	46.3	50.6	48.0
OF RESPIRATORY AND INTRATHORACIC ORGANS	44.8	47.2	49.4	64.7	56.5	47.5	36.0	42.4	30.4	58.1	45.3	46.9
OF BREAST	17.3	11.8	21.2	16.6	15.6	16.2	19.8	16.0	13.3	25.5	12.3	16.8
OF GENITAL ORGANS	10.2	36.1	18.4	28.5	28.8	24.8	30.5	21.5	19.6	28.2	22.6	23.6
OF URINARY ORGANS	3.3	4.5	8.7	7.3	10.9	12.1	8.3	9.7	13.2	6.7	13.6	9.3
OF OTHER AND UNSPECIFIED SITES	20.3	33.5	27.5	37.1	49.8	23.7	12.0	24.5	20.3	15.6	32.8	26.1
LEUKEMIA	0.0	2.4	5.6	9.5	6.2	15.8	10.9	2.7	10.1	4.4	5.8	6.9
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	14.1	9.1	8.0	9.6	27.1	20.3	20.0	5.4	18.6	11.2	7.6	12.0
BENIGN NEOPLASMS	0.0	0.0	2.5	0.0	11.5	4.7	7.9	1.7	0.0	0.0	6.2	2.6
DIABETES MELLITUS	34.6	22.7	17.2	15.9	22.1	19.9	23.8	16.4	16.5	26.0	10.8	19.0
NUTRITIONAL DEFICIENCIES	0.0	0.0	1.9	2.3	0.0	1.5	0.0	0.0	6.3	2.1	4.5	2.1
ANEMIAS	0.0	7.4	1.1	2.5	0.0	3.0	0.0	1.4	6.3	0.0	1.4	2.3
MENINGITIS	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.2
MAJOR CARDIOVASCULAR DISEASES	298.8	346.5	339.5	388.3	262.8	321.8	338.0	360.1	332.0	320.3	307.5	332.3
DISEASES OF HEART	220.7	284.8	263.9	317.0	185.1	253.6	253.5	287.8	245.8	241.3	249.1	259.4
RHEUMATIC FEVER AND HEART DISEASE	0.0	6.4	2.2	7.0	0.0	4.7	0.0	4.2	0.0	0.0	1.4	2.6
HYPERTENSIVE HEART DISEASE	0.0	6.6	10.2	7.2	22.7	9.3	8.5	9.8	8.2	8.9	6.2	8.5
HYPERTENSIVE HEART AND RENAL DISEASE	0.0	0.0	2.2	2.3	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.7
ISCHEMIC HEART DISEASE	158.4	199.2	152.7	162.1	115.7	178.8	163.3	155.3	158.8	179.5	166.9	164.0
ACUTE MYOCARDIAL INFARCTION	91.3	96.6	78.3	122.3	53.3	87.6	110.0	95.9	70.6	81.0	96.4	88.7
OTHER ACUTE AND SUBACUTE FORMS	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0	1.5	1.4
ANGINA PECTORIS	0.0	0.0	1.1	2.3	0.0	0.0	0.0	1.5	1.7	2.2	0.0	0.9
CHRONIC ISCHEMIC HEART DISEASE	63.7	102.7	73.3	37.5	62.3	91.2	53.3	57.9	76.2	96.3	69.0	73.0
OTHER DISEASES OF ENDOCARDIUM	3.7	13.2	8.4	2.3	6.2	6.0	11.7	7.0	11.2	2.2	7.5	7.4
ALL OTHER FORMS OF HEART DISEASE	58.5	59.4	88.2	136.1	40.6	54.7	70.1	110.2	67.6	50.7	67.2	76.2
HYPERTENSION	14.4	4.5	2.2	4.7	6.2	6.1	8.0	4.0	0.0	6.3	4.5	4.6
CEREBROVASCULAR DISEASES	52.9	50.6	59.1	35.2	49.2	54.5	52.8	49.8	69.4	57.7	37.5	52.6
INTRACRANIAL HEMORRHAGE	6.2	4.5	10.9	2.2	0.0	6.3	4.1	10.6	4.9	6.5	5.9	6.7
CEREBRAL THROMBOSIS AND OCCLUSION	3.7	2.1	11.2	4.8	6.2	3.0	7.5	18.4	9.8	8.5	3.0	7.9
CEREBRAL EMBOLISM	3.7	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.4
OTHER CEREBROVASCULAR DISEASES	39.4	43.9	37.0	28.2	43.0	43.8	41.2	20.8	54.7	42.7	28.7	37.6

TABLE 37 (CONT)
1989 VERMONT RESIDENT DEATHS
AGE-ADJUSTED RATES PER 100,000 POPULATION

COUNTY OF RESIDENCE BY 72 SELECTED CAUSES

	AGE-ADJUSTED RATES											CRUDE DEATH
CAUSE OF DEATH *	ADDIS	BENN	CHIT	FR/GI	LAM	N.E.K.	ORANG	RUTL	WASH	WINDH	WINDS	RATES
ATHEROSCLEROSIS	3.7	2.1	4.5	9.7	0.0	1.5	8.5	7.7	3.3	2.1	8.9	4.9
OTHER DISEASES OF ARTERIES	7.0	4.5	9.8	21.7	22.4	6.1	15.2	10.8	13.6	12.9	7.4	10.8
ACUTE BRONCHITIS	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.4
PNEUMONIA AND INFLUENZA	40.3	41.3	29.5	26.6	39.1	29.1	52.2	26.3	25.4	38.4	19.7	30.7
PNEUMONIA	40.3	41.3	29.5	24.1	33.0	29.1	52.2	26.3	25.4	38.4	19.7	30.3
INFLUENZA	0.0	0.0	0.0	2.5	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	53.6	48.8	38.7	37.9	55.4	43.7	27.8	37.1	35.0	37.3	37.1	39.7
BRONCHITIS	0.0	6.9	2.3	2.3	0.0	3.0	0.0	4.0	4.9	2.2	0.0	2.6
EMPHYSEMA	7.0	6.2	4.5	0.0	5.6	4.7	0.0	2.8	3.5	4.5	6.0	4.1
ASTHMA	3.1	2.4	0.7	0.0	5.9	0.0	4.2	2.7	0.0	4.5	4.4	2.1
OTHER	43.5	33.3	31.3	35.5	43.9	36.0	23.6	27.5	26.6	26.2	26.7	30.9
ULCER OF STOMACH AND DUODENUM	0.0	4.8	2.3	0.0	0.0	2.9	0.0	0.0	3.3	4.4	3.0	2.1
APPENDICITIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	6.9	2.4	2.3	0.0	11.2	4.6	3.7	1.4	0.0	2.2	0.0	2.3
CHRONIC LIVER DISEASE AND CIRRHOSIS	10.2	14.7	11.5	2.2	9.8	11.0	8.3	4.6	14.0	9.1	4.5	9.2
GALLBLADDER DISORDERS	3.7	2.1	2.2	0.0	6.2	2.9	0.0	0.0	0.0	0.0	1.5	1.4
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	0.0	6.6	10.8	7.2	6.2	4.7	0.0	3.9	8.2	13.1	6.1	6.7
ACUTE GLOMERULONEPHRITIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.2
CHRONIC GLOMERULONEPHRITIS	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	2.1	1.6	0.5
RENAL FAILURE	0.0	6.6	10.8	7.2	0.0	4.7	0.0	3.9	8.2	8.8	4.5	6.0
INFECTIONS OF KIDNEY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.4
HYPERPLASIA OF PROSTRATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
PREGNANCY WITH ABORTIVE OUTCOME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER COMPLICATIONS	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
CONGENITAL ANOMALIES	2.5	5.5	4.0	4.1	0.0	3.7	4.2	3.5	0.0	2.3	7.5	3.5
CERTAIN PERINATAL CONDITIONS	2.8	2.8	7.1	5.5	5.4	9.1	4.2	5.2	5.7	2.5	3.9	5.5
BIRTH TRAUMA	2.8	0.0	2.1	1.8	5.4	1.8	0.0	0.0	0.0	2.5	0.0	1.4
OTHER PERINATAL CONDITIONS	0.0	2.8	4.9	3.6	0.0	7.3	4.2	5.2	5.7	0.0	3.9	4.1
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	6.7	7.2	3.4	3.6	5.1	5.6	7.8	4.7	0.0	2.5	0.0	3.7
ALL OTHER DISEASES	83.3	94.7	76.7	90.6	72.5	106.6	62.7	66.0	89.5	78.9	76.4	82.7
ACCIDENTS AND ADVERSE EFFECTS	52.3	20.0	36.1	47.0	42.1	27.1	48.6	34.7	51.5	46.7	39.3	39.3
MOTOR VEHICLE ACCIDENTS	28.1	7.6	19.3	19.2	21.0	7.1	20.7	22.7	26.5	14.5	22.9	18.9
ALL OTHER ACCIDENTS	24.2	12.5	16.7	27.9	21.1	20.0	27.9	12.0	25.0	32.1	16.3	20.5
SUICIDE	6.4	14.7	9.3	16.4	5.2	21.8	20.5	18.7	22.0	32.0	18.0	16.8
HOMICIDE AND LEGAL INTERVENTION	0.0	0.0	2.9	0.0	0.0	3.5	0.0	4.4	3.7	0.0	2.3	2.1
ALL OTHER EXTERNAL CAUSES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALL CAUSES	781.9	862.2	790.3	894.2	800.1	855.7	806.7	766.8	802.3	837.5	748.1	807.2

NOTES:

* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.
AGE-ADJUSTED RATES ADJUST THE COUNTY AGE-SPECIFIC RATES TO THE 1989 VERMONT AGE DISTRIBUTION
FR/GI COMBINES THE COUNTIES OF FRANKLIN & GRAND ISLE
N.E.K. COMBINES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

TABLE 38
1989 VERMONT RESIDENT DEATHS

AGE AT DEATH BY 72 SELECTED CAUSES

CAUSE OF DEATH *	LT 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	TOTAL
SHIGELLOSIS AND AMEBIASIS	0	0	0	0	0	0	0	0	0	0	0	0
CERTAIN OTHER INTESTINAL INFECTIONS	0	0	0	0	0	0	0	0	0	0	1	1
TUBERCULOSIS	0	0	0	0	0	0	0	1	1	0	0	2
TUBERCULOSIS OF RESPIRATORY SYSTEM	0	0	0	0	0	0	0	1	1	0	0	2
OTHER TUBERCULOSIS	0	0	0	0	0	0	0	0	0	0	0	0
WHOOPING COUGH	0	0	0	0	0	0	0	0	0	0	0	0
STREPTOCOCCAL SORE THROAT AND SCARLATINA	0	0	0	0	0	0	0	0	0	0	0	0
MENINGOCOCCAL INFECTION	0	0	0	0	0	0	0	0	0	0	0	0
SEPTICEMIA	0	0	0	0	0	0	0	2	3	5	8	18
ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0	0
MEASLES	0	0	0	0	0	0	0	0	0	0	0	0
VIRAL HEPATITIS	0	0	0	0	0	0	0	2	0	0	0	2
SYPHILIS	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	5	0	1	1	5	6	1	4	2	3	3	31
MALIGNANT NEOPLASMS	0	3	5	3	6	41	82	207	316	298	131	1092
OF LIP, ORAL CAVITY AND PHARYNX	0	0	0	0	0	2	2	5	4	2	2	17
OF DIGESTIVE ORGANS AND PERITONEUM	0	0	0	0	2	5	8	39	96	83	39	272
OF RESPIRATORY AND INTRATHORACIC ORGANS	0	0	0	0	0	6	23	70	83	70	14	266
OF BREAST	0	0	0	0	0	6	20	19	21	20	9	95
OF GENITAL ORGANS	0	0	0	0	0	2	7	19	34	43	29	134
OF URINARY ORGANS	0	0	0	0	0	0	1	11	14	19	8	53
OF OTHER AND UNSPECIFIED SITES	0	2	3	1	1	13	15	28	38	27	20	148
LEUKEMIA	0	1	2	0	2	3	3	5	7	11	5	39
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	0	0	0	2	1	4	3	11	19	23	5	68
BENIGN NEOPLASMS	0	0	0	1	1	2	0	4	1	4	2	15
DIABETES MELLITUS	0	0	0	0	3	6	3	15	22	35	24	108
NUTRITIONAL DEFICIENCIES	0	0	0	0	0	0	1	0	0	3	8	12
ANEMIAS	0	0	0	1	0	0	0	0	2	7	3	13
MENINGITIS	0	0	0	0	0	0	0	0	0	0	1	1
MAJOR CARDIOVASCULAR DISEASES	0	0	1	3	8	32	57	178	354	619	632	1884
DISEASES OF HEART	0	0	1	3	6	28	50	159	288	475	461	1471
RHEUMATIC FEVER AND HEART DISEASE	0	0	0	0	0	0	0	4	5	3	3	15
HYPERTENSIVE HEART DISEASE	0	0	0	0	1	2	0	10	7	12	16	48
HYPERTENSIVE HEART AND RENAL DISEASE	0	0	0	0	0	0	0	0	0	0	4	4
ISCHEMIC HEART DISEASE	0	0	0	0	2	19	42	111	206	305	245	930
ACUTE MYOCARDIAL INFARCTION	0	0	0	0	2	15	24	68	121	170	103	503
OTHER ACUTE AND SUBACUTE FORMS	0	0	0	0	0	0	0	2	4	1	1	8
ANGINA PECTORIS	0	0	0	0	0	0	0	1	2	1	1	5
CHRONIC ISCHEMIC HEART DISEASE	0	0	0	0	0	4	18	40	79	133	140	414
OTHER DISEASES OF ENDOCARDIUM	0	0	0	0	0	0	1	4	6	13	18	42
ALL OTHER FORMS OF HEART DISEASE	0	0	1	3	3	7	7	30	64	142	175	432
HYPERTENSION	0	0	0	0	0	0	0	0	5	10	11	26
CEREBROVASCULAR DISEASES	0	0	0	0	2	4	7	13	39	105	128	298
INTRACRANIAL HEMORRHAGE	0	0	0	0	0	2	3	4	5	12	12	38
CEREBRAL THROMBOSIS AND OCCLUSION	0	0	0	0	0	0	0	0	6	23	16	45
CEREBRAL EMBOLISM	0	0	0	0	0	0	0	0	1	1	0	2
OTHER CEREBROVASCULAR DISEASES	0	0	0	0	2	2	4	9	27	69	100	213

TABLE 38 (CONT)
1989 VERMONT RESIDENT DEATHS

AGE AT DEATH BY 72 SELECTED CAUSES

CAUSE OF DEATH *	LT 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	TOTAL
ATHEROSCLEROSIS	0	0	0	0	0	0	0	0	3	6	19	28
OTHER DISEASES OF ARTERIES	0	0	0	0	0	0	0	6	19	23	13	61
ACUTE BRONCHITIS	0	0	0	1	0	0	0	0	0	0	1	2
PNEUMONIA AND INFLUENZA	0	1	0	0	0	1	1	7	17	49	98	174
PNEUMONIA	0	1	0	0	0	1	1	7	17	48	97	172
INFLUENZA	0	0	0	0	0	0	0	0	0	1	1	2
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	0	0	0	0	1	1	2	23	72	97	29	225
BRONCHITIS	0	0	0	0	0	0	0	2	3	6	4	15
EMPHYSEMA	0	0	0	0	0	0	0	5	8	10	0	23
ASTHMA	0	0	0	0	1	1	1	1	3	4	1	12
OTHER	0	0	0	0	0	0	1	15	58	77	24	175
ULCER OF STOMACH AND DUODENUM	0	0	0	0	0	0	0	1	4	4	3	12
APPENDICITIS	0	0	0	0	0	0	0	0	0	0	0	0
HERNIA AND INTESTINAL OBSTRUCTION	0	0	1	0	0	0	1	1	0	5	5	13
CHRONIC LIVER DISEASE AND CIRRHOSIS	0	0	0	0	0	2	15	20	7	6	2	52
GALLBLADDER DISORDERS	0	0	0	0	0	0	0	0	2	5	1	8
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	0	0	0	0	0	2	1	2	10	12	11	38
ACUTE GLOMERULONEPHRITIS	0	0	0	0	0	1	0	0	0	0	0	1
CHRONIC GLOMERULONEPHRITIS	0	0	0	0	0	0	0	1	0	0	2	3
RENAL FAILURE	0	0	0	0	0	1	1	1	10	12	9	34
INFECTIONS OF KIDNEY	0	0	0	0	0	0	0	1	0	0	1	2
HYPERPLASIA OF PROSTRATE	0	0	0	0	0	0	0	0	0	0	0	0
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	0	0	0	1	0	0	0	0	0	0	0	1
PREGNANCY WITH ABORTIVE OUTCOME	0	0	0	0	0	0	0	0	0	0	0	0
OTHER COMPLICATIONS	0	0	0	1	0	0	0	0	0	0	0	1
CONGENITAL ANOMALIES	13	0	0	1	1	1	1	1	1	0	1	20
CERTAIN PERINATAL CONDITIONS	31	0	0	0	0	0	0	0	0	0	0	31
BIRTH TRAUMA	8	0	0	0	0	0	0	0	0	0	0	8
OTHER PERINATAL CONDITIONS	23	0	0	0	0	0	0	0	0	0	0	23
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	6	0	0	2	4	2	0	2	1	3	1	21
ALL OTHER DISEASES	2	6	2	6	7	9	17	38	81	144	157	469
ACCIDENTS AND ADVERSE EFFECTS	1	3	10	41	27	26	16	11	31	36	21	223
MOTOR VEHICLE ACCIDENTS	0	1	6	34	19	14	6	5	11	9	2	107
ALL OTHER ACCIDENTS	1	2	4	7	8	12	10	6	20	27	19	116
SUICIDE	0	0	2	13	22	16	15	10	6	7	4	95
HOMICIDE AND LEGAL INTERVENTION	0	0	0	3	4	1	0	2	1	1	0	12
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	0	0	0	0	0
ALL CAUSES	58	13	22	77	89	148	213	532	934	1343	1148	4577

* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.

TABLE 39
1989 VERMONT RESIDENT DEATHS

MONTH Of DEATH BY 72 SELECTED CAUSES*

CAUSE OF DEATH *	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
SHIGELLOSIS AND AMEBIASIS	0	0	0	0	0	0	0	0	0	0	0	0	0
CERTAIN OTHER INTESTINAL INFECTIONS	0	0	1	0	0	0	0	0	0	0	0	0	1
TUBERCULOSIS	1	0	0	0	0	0	0	0	0	0	1	0	2
TUBERCULOSIS OF RESPIRATORY SYSTEM	1	0	0	0	0	0	0	0	0	0	1	0	2
OTHER TUBERCULOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0
WHOOPING COUGH	0	0	0	0	0	0	0	0	0	0	0	0	0
STREPTOCOCCAL SORE THROAT AND SCARLATINA	0	0	0	0	0	0	0	0	0	0	0	0	0
MENINGOCOCCAL INFECTION	0	0	0	0	0	0	0	0	0	0	0	0	0
SEPTICEMIA	1	0	2	1	1	0	3	5	0	0	1	4	18
ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0	0	0
MEASLES	0	0	0	0	0	0	0	0	0	0	0	0	0
VIRAL HEPATITIS	0	0	0	0	0	1	0	0	0	0	0	1	2
SYPHILIS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	2	1	4	0	4	3	3	0	0	6	3	5	31
MALIGNANT NEOPLASMS	101	84	99	93	108	95	82	80	97	87	86	80	1092
OF LIP, ORAL CAVITY AND PHARYNX	0	0	2	2	1	1	2	1	1	2	2	3	17
OF DIGESTIVE ORGANS AND PERITONEUM	24	22	19	19	26	23	23	20	33	19	20	24	272
OF RESPIRATORY AND INTRATHORACIC ORGANS	29	21	35	25	21	22	17	20	20	20	21	15	266
OF BREAST	6	9	6	9	11	4	9	6	8	6	12	9	95
OF GENITAL ORGANS	9	13	9	10	14	10	9	15	13	13	11	8	134
OF URINARY ORGANS	7	6	4	6	4	6	5	2	5	4	3	1	53
OF OTHER AND UNSPECIFIED SITES	14	8	15	10	13	17	10	13	12	13	10	13	148
LEUKEMIA	4	2	4	5	6	6	1	0	0	2	5	4	39
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	8	3	5	7	12	6	6	3	5	8	2	3	68
BENIGN NEOPLASMS	1	1	0	2	2	3	0	0	0	1	2	3	15
DIABETES MELLITUS	6	6	8	10	12	8	7	7	8	5	23	8	108
NUTRITIONAL DEFICIENCIES	1	0	0	1	1	2	1	2	2	1	1	0	12
ANEMIAS	3	1	1	1	0	0	2	1	1	1	1	1	13
MENINGITIS	0	0	1	0	0	0	0	0	0	0	0	0	1
MAJOR CARDIOVASCULAR DISEASES	176	182	158	157	162	146	145	146	155	134	149	173	1884
DISEASES OF HEART	137	156	114	121	121	117	116	116	121	98	119	134	1471
RHEUMATIC FEVER AND HEART DISEASE	1	2	1	2	2	0	1	2	1	0	1	2	15
HYPERTENSIVE HEART DISEASE	4	7	0	5	1	9	4	5	4	2	4	3	48
HYPERTENSIVE HEART AND RENAL DISEASE	0	2	0	2	0	0	0	0	0	0	0	0	4
ISCHEMIC HEART DISEASE	78	90	73	74	77	63	77	83	82	62	79	91	930
ACUTE MYOCARDIAL INFARCTION	43	53	29	44	44	33	40	39	48	31	45	53	503
OTHER ACUTE AND SUBACUTE FORMS	1	1	1	0	0	0	1	0	2	1	1	0	8
ANGINA PECTORIS	2	0	0	0	1	0	0	0	0	1	0	1	5
CHRONIC ISCHEMIC HEART DISEASE	32	36	43	30	32	30	36	44	32	29	33	37	414
OTHER DISEASES OF ENDOCARDIUM	8	2	5	2	3	8	3	2	0	2	1	6	42
ALL OTHER FORMS OF HEART DISEASE	46	53	35	36	38	37	31	24	34	32	34	32	432
HYPERTENSION	1	2	2	3	4	2	3	2	1	4	0	2	26
CEREBROVASCULAR DISEASES	32	17	34	24	28	21	21	21	22	25	25	28	298
INTRACRANIAL HEMORRHAGE	4	2	2	4	6	4	2	1	6	2	3	2	38
CEREBRAL THROMBOSIS AND OCCLUSION	8	5	8	5	3	5	1	2	1	3	2	2	45
CEREBRAL EMBOLISM	0	0	1	0	0	0	0	0	1	0	0	0	2
OTHER CEREBROVASCULAR DISEASES	20	10	23	15	19	12	18	18	14	20	20	24	213

TABLE 39 (CONT)
1989 VERMONT RESIDENT DEATHS

MONTH OF DEATH BY 72 SELECTED CAUSES

CAUSE OF DEATH *	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ATHEROSCLEROSIS	2	3	6	2	3	0	1	3	4	2	0	2	28
OTHER DISEASES OF ARTERIES	4	4	2	7	6	6	4	4	7	5	5	7	61
ACUTE BRONCHITIS	0	0	0	0	0	1	1	0	0	0	0	0	2
PNEUMONIA AND INFLUENZA	22	20	21	13	14	10	13	11	8	10	16	16	174
PNEUMONIA	22	20	19	13	14	10	13	11	8	10	16	16	172
INFLUENZA	0	0	2	0	0	0	0	0	0	0	0	0	2
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	20	20	20	23	19	25	19	12	13	18	12	24	225
BRONCHITIS	1	2	3	1	2	1	2	0	1	0	2	0	15
EMPHYSEMA	1	3	1	0	1	3	4	3	2	1	1	3	23
ASTHMA	0	0	0	1	1	2	1	3	0	1	0	3	12
OTHER	18	15	16	21	15	19	12	6	10	16	9	18	175
ULCER OF STOMACH AND DUODENUM	1	1	1	3	1	0	0	1	3	0	1	0	12
APPENDICITIS	0	0	0	0	0	0	0	0	0	0	0	0	0
HERNIA AND INTESTINAL OBSTRUCTION	3	0	1	1	3	1	0	3	0	1	0	0	13
CHRONIC LIVER DISEASE AND CIRRHOSIS	3	4	5	2	8	4	9	7	0	4	3	3	52
GALLBLADDER DISORDERS	0	1	1	1	0	2	0	2	0	1	0	0	8
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	2	5	5	5	3	1	1	5	3	4	0	4	38
ACUTE GLOMERULONEPHRITIS	0	0	0	0	0	0	0	0	0	1	0	0	1
CHRONIC GLOMERULONEPHRITIS	0	1	0	0	0	0	0	1	0	1	0	0	3
RENAL FAILURE	2	4	5	5	3	1	1	4	3	2	0	4	34
INFECTIONS OF KIDNEY	0	0	1	0	0	0	0	0	0	0	0	1	2
HYPERPLASIA OF PROSTRATE	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	1	0	0	0	0	0	0	0	0	0	0	0	1
PREGNANCY WITH ABORTIVE OUTCOME	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER COMPLICATIONS	1	0	0	0	0	0	0	0	0	0	0	0	1
CONGENITAL ANOMALIES	2	1	1	0	0	1	1	2	2	5	1	4	20
CERTAIN PERINATAL CONDITIONS	3	2	1	4	3	2	3	1	0	4	6	2	31
BIRTH TRAUMA	1	0	0	2	0	0	1	1	0	1	1	1	8
OTHER PERINATAL CONDITIONS	2	2	1	2	3	2	2	0	0	3	5	1	23
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	2	1	6	2	2	0	0	1	1	2	1	3	21
ALL OTHER DISEASES	45	37	41	38	36	42	44	30	38	25	45	48	469
ACCIDENTS AND ADVERSE EFFECTS	24	14	21	11	16	21	20	21	15	23	20	17	223
MOTOR VEHICLE ACCIDENTS	16	7	10	4	8	9	4	13	7	11	12	6	107
ALL OTHER ACCIDENTS	8	7	11	7	8	12	16	8	8	12	8	11	116
SUICIDE	9	9	7	8	6	6	6	9	8	10	8	9	95
HOMICIDE AND LEGAL INTERVENTION	0	1	1	0	3	0	1	1	2	1	2	0	12
ALL OTHER EXTERNAL CAUSES	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL CAUSES	429	391	407	376	404	374	361	347	356	343	382	406	4577

* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.
*There is one event in which the month of death is unknown.

TABLE 40
1989 VERMONT RESIDENT DEATHS

ASSIGNMENT OF SELECTED CAUSES AS THE UNDERLYING CAUSE OF DEATH OR AS A MULTIPLE CAUSE OF DEATH AND THE RATIO OF MULTIPLE TO UNDERLYING CAUSES

DEATHS WHERE DISEASE IS:

SELECTED CAUSE*	ASSIGNED AS THE UNDERLYING CAUSE OF DEATH #	% OF ALL DEATHS	MENTIONED AS A MULTIPLE CAUSE OF DEATH #	% OF ALL DEATHS	RATIO (MENTION TO UNDERLYING)
SHIGELLOSIS AND AMEBIASIS	0	0.0	0	0.0	----
CERTAIN OTHER INTESTINAL INFECTIONS	1	0.0	2	0.0	2.00
TUBERCULOSIS	2	0.0	4	0.1	2.00
TUBERCULOSIS OF RESPIRATORY SYSTEM	2	0.0	4	0.1	2.00
OTHER TUBERCULOSIS	0	0.0	0	0.0	----
WHOOPING COUGH	0	0.0	1	0.0	----
STREPTOCOCCAL SORE THROAT AND SCARLATINA	0	0.0	0	0.0	----
MENINGOCOCCAL INFECTION	0	0.0	0	0.0	----
SEPTICEMIA	18	0.4	195	4.3	10.83
ACUTE POLIOMYELITIS	0	0.0	0	0.0	----
MEASLES	0	0.0	0	0.0	----
VIRAL HEPATITIS	2	0.0	5	0.1	2.50
SYPHILIS	0	0.0	0	0.0	----
ALL OTHER INFECTIOUS AND PARASITIC DISEASES	31	0.7	57	1.2	1.84
MALIGNANT NEOPLASMS	1092	23.9	1275	27.9	1.17
OF LIP, ORAL CAVITY AND PHARYNX	17	0.4	24	0.5	1.41
OF DIGESTIVE ORGANS AND PERITONEUM	272	5.9	320	7.0	1.18
OF RESPIRATORY AND INTRATHORACIC ORGANS	266	5.8	299	6.5	1.12
OF BREAST	95	2.1	122	2.7	1.28
OF GENITAL ORGANS	134	2.9	186	4.1	1.39
OF URINARY ORGANS	53	1.2	72	1.6	1.36
OF OTHER AND UNSPECIFIED SITES	148	3.2	378	8.3	2.55
LEUKEMIA	39	0.9	55	1.2	1.41
OF OTHER LYMPHATIC/HEMATOPOIETIC TISSUES	68	1.5	82	1.8	1.21
BENIGN NEOPLASMS	15	0.3	34	0.7	2.27
DIABETES MELLITUS	108	2.4	385	8.4	3.56
NUTRITIONAL DEFICIENCIES	12	0.3	86	1.9	7.17
ANEMIAS	13	0.3	133	2.9	10.23
MENINGITIS	1	0.0	5	0.1	5.00
MAJOR CARDIOVASCULAR DISEASES	1884	41.2	2784	60.8	1.48
DISEASES OF HEART	1471	32.1	2384	52.1	1.62
RHEUMATIC FEVER AND HEART DISEASE	15	0.3	29	0.6	1.93
HYPERTENSIVE HEART DISEASE	48	1.0	104	2.3	2.17
HYPERTENSIVE HEART AND RENAL DISEASE	4	0.1	11	0.2	2.75
ISCHEMIC HEART DISEASE	930	20.3	1194	26.1	1.28
ACUTE MYOCARDIAL INFARCTION	503	11.0	576	12.6	1.15
OTHER ACUTE AND SUBACUTE FORMS	8	0.2	15	0.3	1.88
ANGINA PECTORIS	5	0.1	32	0.7	6.40
CHRONIC ISCHEMIC HEART DISEASE	414	9.0	819	17.9	1.98
OTHER DISEASES OF ENDOCARDIUM	42	0.9	101	2.2	2.40
ALL OTHER FORMS OF HEART DISEASE	432	9.4	1851	40.4	4.28
HYPERTENSION	26	0.6	270	5.9	10.38

TABLE 40 (CONT)
1989 VERMONT RESIDENT DEATHS

ASSIGNMENT OF SELECTED CAUSES AS THE UNDERLYING CAUSE OF DEATH OR AS A MULTIPLE CAUSE OF DEATH AND THE RATIO OF MULTIPLE TO UNDERLYING CAUSES

DEATHS WHERE DISEASE IS:

	ASSIGNED AS THE UNDERLYING CAUSE OF DEATH		MENTIONED AS A MULTIPLE CAUSE OF DEATH		RATIO (MENTION TO UNDERLYING)
SELECTED CAUSE*	#	% OF ALL DEATHS	#	% OF ALL DEATHS	
CEREBROVASCULAR DISEASES	298	6.5	612	13.4	2.05
INTRACRANIAL HEMORRHAGE	38	0.8	58	1.3	1.53
CEREBRAL THROMBOSIS AND OCCLUSION	45	1.0	73	1.6	1.62
CEREBRAL EMBOLISM	2	0.0	6	0.1	3.00
OTHER CEREBROVASCULAR DISEASES	213	4.7	495	10.8	2.32
ATHEROSCLEROSIS	28	0.6	173	3.8	6.18
OTHER DISEASES OF ARTERIES	61	1.3	140	3.1	2.30
ACUTE BRONCHITIS	2	0.0	8	0.2	4.00
PNEUMONIA AND INFLUENZA	174	3.8	547	12.0	3.14
PNEUMONIA	172	3.8	545	11.9	3.17
INFLUENZA	2	0.0	2	0.0	1.00
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	225	4.9	594	13.0	2.64
BRONCHITIS	15	0.3	36	0.8	2.40
EMPHYSEMA	23	0.5	67	1.5	2.91
ASTHMA	12	0.3	29	0.6	2.42
OTHER	175	3.8	466	10.2	2.66
ULCER OF STOMACH AND DUODENUM	12	0.3	43	0.9	3.58
APPENDICITIS	0	0.0	3	0.1	----
HERNIA AND INTESTINAL OBSTRUCTION	13	0.3	62	1.4	4.77
CHRONIC LIVER DISEASE AND CIRRHOSIS	52	1.1	80	1.7	1.54
GALLBLADDER DISORDERS	8	0.2	23	0.5	2.88
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	38	0.8	239	5.2	6.29
ACUTE GLOMERULONEPHRITIS	1	0.0	4	0.1	4.00
CHRONIC GLOMERULONEPHRITIS	3	0.1	12	0.3	4.00
RENAL FAILURE	34	0.7	227	5.0	6.68
INFECTIONS OF KIDNEY	2	0.0	10	0.2	5.00
HYPERPLASIA OF PROSTRATE	0	0.0	4	0.1	----
COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	1	0.0	1	0.0	1.00
PREGNANCY WITH ABORTIVE OUTCOME	0	0.0	0	0.0	----
OTHER COMPLICATIONS	1	0.0	1	0.0	1.00
CONGENITAL ANOMALIES	20	0.4	35	0.8	1.75
CERTAIN PERINATAL CONDITIONS	31	0.7	39	0.9	1.26
BIRTH TRAUMA	8	0.2	9	0.2	1.13
OTHER PERINATAL CONDITIONS	23	0.5	38	0.8	1.65
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	21	0.5	823	18.0	39.19
ALL OTHER DISEASES	469	10.2	1732	37.8	3.69
ACCIDENTS AND ADVERSE EFFECTS	223	4.9	401	8.8	1.80
MOTOR VEHICLE ACCIDENTS	107	2.3	108	2.4	1.01
ALL OTHER ACCIDENTS	116	2.5	294	6.4	2.53
SUICIDE	95	2.1	98	2.1	1.03
HOMICIDE AND LEGAL INTERVENTION	12	0.3	12	0.3	1.00
ALL OTHER EXTERNAL CAUSES	0	0.0	0	0.0	----
TOTAL	4577	100.0	13477 **	100.00	2.94

* SEE APPENDIX C FOR COMPLETE CAUSE DEFINITIONS AND CODES. AS OF 1987, 'ALL OTHER INFECTIOUS AND PARASITIC' INCLUDES AIDS DEATHS.

** A GIVEN DEATH MAY BE COUNTED MORE THAN ONCE IN THIS TOTAL

TABLE 41
1989 VERMONT RESIDENT DEATHS
DUE TO AN EXTERNAL CAUSE

DEATHS DUE TO AN EXTERNAL CAUSE OF DEATH BY NATURE OF INJURY

	EXTERNAL CAUSES OF DEATH				
NATURE OF INJURY #	MOTOR VEHICLE ACCIDENT	OTHER ACCIDENT	SUICIDE	HOMICIDE	OTHER EXTERNAL CAUSE
FRACTURE, SPRAIN & DISLOCATION	55	39	2	0	0
INTRACRANIAL INJURY	68	18	21	1	0
INTERNAL INJURY	57	16	11	1	0
OPEN WOUND & INJURY TO BLOOD VESSELS	13	8	87	14	0
SUPERFICIAL INJURY	2	5	0	0	0
EFFECTS OF FOREIGN BODY	0	6	0	0	0
BURNS	1	8	0	0	0
INJURY TO NERVES & SPINAL CORD	8	2	0	0	0
POISONING	0	5	10	0	0
TOXIC EFFECTS OF NONMEDICINAL SUBSTANCE	2	16	3	0	0
LATE EFFECTS OF INJURY, POISONING, & TOXICS	0	3	0	0	0
TRAUMATIC COMPLICATION & UNSPECIFIED INJURY	47	14	0	1	0
OTHER INJURY	5	21	13	1	0
TOTAL DEATHS DUE TO AN EXTERNAL CAUSE *	107	115	95	12	0

* DOES NOT SUM TO TOTAL BECAUSE A GIVEN EXTERNAL CAUSE MAY HAVE MORE THAN ONE NATURE OF INJURY MENTIONED.
# SEE APPENDIX D FOR COMPLETE INJURY CLASSIFICATION AND CODES

TABLE 42
1989 VERMONT RESIDENT ACCIDENTAL DEATHS

WEEKDAY OF DEATH* BY PLACE OF ACCIDENT
NUMBER OF EVENTS AND ROW PERCENTS

NUMBER OF EVENTS

PLACE OF ACCIDENT	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	TOTAL
HOME	1	2	2	5	7	7	8	32
FARM	1	0	0	1	0	1	0	3
MINE AND QUARRY	0	0	0	0	0	0	0	0
INDUSTRIAL	0	1	0	1	1	0	0	3
PLACE OF RECREATION	0	2	0	1	1	0	0	4
STREET, SIDEWALK	15	6	16	14	11	20	16	98
PUBLIC BUILDING	1	0	5	0	0	1	1	8
RESIDENT INSTITUTION	1	1	1	0	0	1	1	5
OTHER PLACES	2	6	3	3	3	1	4	22
UNKNOWN	4	4	9	5	12	9	5	48
TOTAL	25	22	36	30	35	40	35	223

ROW PERCENTS

PLACE OF ACCIDENT	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	TOTAL
HOME	3.1	6.3	6.3	15.6	21.9	21.9	25.0	100.0
FARM	33.3	0.0	0.0	33.3	0.0	33.3	0.0	100.0
MINE AND QUARRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUSTRIAL	0.0	33.3	0.0	33.3	33.3	0.0	0.0	100.0
PLACE OF RECREATION	0.0	50.0	0.0	25.0	25.0	0.0	0.0	100.0
STREET, SIDEWALK	15.3	6.1	16.3	14.3	11.2	20.4	16.3	100.0
PUBLIC BUILDING	12.5	0.0	62.5	0.0	0.0	12.5	12.5	100.0
RESIDENT INSTITUTION	20.0	20.0	20.0	0.0	0.0	20.0	20.0	100.0
OTHER PLACES	9.1	27.3	13.6	13.6	13.6	4.5	18.2	100.0
UNKNOWN	8.3	8.3	18.7	10.4	25.0	18.7	10.4	100.0
TOTAL	11.2	9.9	16.1	13.5	15.7	17.9	15.7	100.0

* NOTE: THE WEEKDAY OF DEATH IS NOT NECESSARILY THE WEEKDAY OF ACCIDENT.

PLACE CODES: HOME: INCLUDING HOME PREMISES AND ANY NON-INSTITUTIONAL PLACE OF RESIDENCE AND EXCLUDING TEMPORARY RECREATIONAL SHELTERS, SUCH AS TRAVEL TRAILERS, TENTS, AND HUNTING CABINS.
FARM: INCLUDING BUILDINGS AND LAND UNDER CULTIVATION BUT EXCLUDING THE FARM HOUSE.
MINE AND QUARRY: INCLUDING GRAVEL, SAND PITS, AND ABANDONED MINES.
INDUSTRIAL: INCLUDING MANUFACTURING, CONSTRUCTION, AND OTHER PLACES OF AN INDUSTRIAL NATURE.
RECREATIONAL: INCLUDING ALL PLACES OF RECREATION.
STREET, HIGHWAY, AND SIDEWALKS: EXCLUDING ACCIDENTS ON HOME PREMISES SIDEWALKS.
PUBLIC BUILDINGS: INCLUDING INJURY TO PEOPLE OTHER THAN THOSE INVOLVED IN CONSTRUCTION WORK.

TABLE 43
1989 VERMONT RESIDENT ACCIDENTAL DEATHS

AGE AT DEATH BY PLACE OF ACCIDENT AND SEX

TOTAL
AGE AT DEATH

PLACE OF ACCIDENT	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
HOME	0	1	1	4	2	2	3	1	8	8	2	32
FARM	0	0	1	0	2	0	0	0	0	0	0	3
INDUSTRIAL	0	0	0	0	0	1	1	0	1	0	0	3
PLACE OF RECREATION	0	0	0	0	1	0	1	1	1	0	0	4
STREET, SIDEWALK	0	1	6	32	16	13	6	4	10	8	2	98
PUBLIC BUILDING	0	0	2	0	1	4	0	0	0	1	0	8
RESIDENT INSTITUTION	1	0	0	0	0	0	0	0	0	1	3	5
OTHER PLACES	0	1	0	4	1	3	2	3	5	3	0	22
UNKNOWN	0	0	0	1	4	3	3	2	6	15	14	48
TOTAL	1	3	10	41	27	26	16	11	31	36	21	223

MALE
AGE AT DEATH

PLACE OF ACCIDENT	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
HOME	0	0	1	3	1	2	3	1	5	5	0	21
FARM	0	0	1	0	2	0	0	0	0	0	0	3
INDUSTRIAL	0	0	0	0	0	1	1	0	1	0	0	3
PLACE OF RECREATION	0	0	0	0	1	0	0	1	1	0	0	3
STREET, SIDEWALK	0	0	3	24	14	8	5	1	6	4	2	67
PUBLIC BUILDING	0	0	1	0	0	3	0	0	0	1	0	5
RESIDENT INSTITUTION	1	0	0	0	0	0	0	0	0	0	0	1
OTHER PLACES	0	0	0	3	1	3	2	2	5	1	0	17
UNKNOWN	0	0	0	0	3	1	2	2	3	7	7	25
TOTAL	1	0	6	30	22	18	13	7	21	18	9	145

FEMALE
AGE AT DEATH

PLACE OF ACCIDENT	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +	TOTAL
HOME	0	1	0	1	1	0	0	0	3	3	2	11
PLACE OF RECREATION	0	0	0	0	0	0	1	0	0	0	0	1
STREET, SIDEWALK	0	1	3	8	2	5	1	3	4	4	0	31
PUBLIC BUILDING	0	0	1	0	1	1	0	0	0	0	0	3
RESIDENT INSTITUTION	0	0	0	0	0	0	0	0	0	1	3	4
OTHER PLACES	0	1	0	1	0	0	0	1	0	2	0	5
UNKNOWN	0	0	0	1	1	2	1	0	3	8	7	23
TOTAL	0	3	4	11	5	8	3	4	10	18	12	78

TABLE 44
1989 VERMONT DEATHS

COUNTY OF RESIDENCE BY PLACE OF DEATH

	COUNTY OF RESIDENCE															
PLACE OF DEATH*	ADDIS	BENN	CALED	CHIT	ESSEX	FRANK	GR I	LAMOI	ORANGE	ORLEA	RUTL	WASH	WINDH	WINDS	O-O-S	TOTAL
AT HOME	39	75	47	139	8	68	9	31	43	57	98	96	60	95	10	875
FANNY ALLEN	4	0	0	121	0	9	7	2	0	0	0	0	0	0	2	145
BRATTLEBORO	0	0	0	0	0	0	0	0	0	0	1	0	79	0	31	111
COPLEY	0	0	9	1	0	4	1	58	1	8	0	4	0	0	6	92
GIFFORD MEMORIAL	0	0	0	0	0	0	0	0	27	0	1	3	0	21	3	55
NORTHWESTERN MED CTR	0	0	0	0	0	116	5	0	0	0	1	1	0	0	4	127
MEDICAL CTR. (MCHV)	53	4	8	340	0	65	12	11	3	4	16	36	2	4	133	691
NORTH COUNTRY	1	0	0	0	8	0	0	0	0	98	0	0	0	1	2	110
PORTER	69	0	0	2	0	0	0	0	0	0	1	0	0	0	8	80
SOUTHWESTERN MED CTR	0	139	0	0	0	0	0	0	0	0	0	0	6	0	56	201
ROCKINGHAM	0	0	0	0	0	0	0	0	0	0	0	0	29	0	14	43
RUTLAND	4	11	0	0	0	0	0	0	0	0	281	1	0	8	36	341
SPRINGFIELD	1	0	0	0	0	0	0	0	1	0	0	0	10	67	8	87
MT. ASCUTNEY	0	0	0	0	0	0	0	0	1	0	0	0	0	44	2	47
CENTRAL VERMONT	0	0	5	4	0	1	0	4	13	0	0	171	0	0	8	206
N.E. VT. REGIONAL	0	0	60	0	5	0	0	0	0	2	0	0	0	0	1	68
GRACE COTTAGE	0	0	0	0	0	0	0	0	0	0	0	0	19	1	1	21
VETERAN'S ADMIN	4	4	7	2	1	2	1	1	4	5	6	3	10	25	86	161
VT. STATE HOSPITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHYSICIAN'S OFFICE	0	0	0	0	0	0	0	0	1	0	0	0	0	2	4	7
NURSING HOMES	25	73	46	122	5	57	5	25	40	59	103	130	99	86	69	944
OTHER PLACES	23	39	16	34	9	9	4	8	13	15	26	29	20	38	52	335
OUT OF STATE HOSPITAL	4	37	29	13	22	3	2	4	55	21	21	11	45	99	2	368
TOTAL	227	382	227	778	58	334	46	144	202	269	555	485	379	491	538	5115

* SEE APPENDIX A FOR COMPLETE HOSPITAL NAMES AND LOCATIONS

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH

INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
8.4 INTESTINAL INFECTIONS DUE TO OTHER SPECIFIED BACTERIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
11.4 TUBERCULOUS FIBROSIS OF LUNG	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11.9 PULMONARY TUBERCULOSIS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
27.2 PASTEURELLOSIS	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31.0 PULMONARY DISEASE DUE TO OTHER MYCOBACTERIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
38.1 STAPHYLOCOCCAL SEPTICEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38.2 PNEUMOCOCCAL SEPTICEMIA	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38.4 SEPTICEMIA DUE TO OTHER GRAM-NEGATIVE ORGANISMS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
38.9 UNSPECIFIED SEPTICEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3
	F	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	7	12
41.0 STREPTOCOCCUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42.1 HUMAN IMMUNODEFICIENCY VIRUS INFECTION CAUSING OTHER SPECIFIED CONDITIONS	M	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42.2 HUMAN IMMUNODEFICIENCY VIRUS INFECTION WITH SPECIFIED MALIGNANT NEOPLASMS	M	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42.9 ACQUIRED IMMUNODEFICIENCY SYNDROME, UNSPECIFIED	M	0	0	0	0	1	0	2	2	1	0	0	0	0	0	0	0	6
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46.1 JAKOB-CREUTZFELDT DISEASE	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53.9 HERPES ZOSTER WITHOUT MENTION OF COMPLICATION	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
70.1 VIRAL HEPATITIS A WITHOUT MENTION OF HEPATIC COMA	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
70.3 VIRAL HEPATITIS B WITHOUT MENTION OF HEPATIC COMA	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79.9 VIRAL INFECTION, UNSPECIFIED	M	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
117.9 MYCOSES, OTHER AND UNSPECIFIED	M	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124.0 TRICHINOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
135.0 SARCOIDOSIS	M	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136.9 UNSPECIFIED INFECTIOUS AND PARASITIC DISEASES	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
137.0 LATE EFFECTS OF RESPIRATORY OR UNSPECIFIED TUBERCULOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139.8 LATE EFFECTS OF OTHER AND UNSPECIFIED INFECTIOUS AND PARASITIC DISEASES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
141.9 MALIGNANT NEOPLASM OF TONGUE, UNSPECIFIED	M	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
142.0 MALIGNANT NEOPLASM OF PAROTID GLAND	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
142.9 MALIGNANT NEOPLASM OF MAJOR SALIVARY GLANDS, UNSPECIFIED	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145.9 MALIGNANT NEOPLASM OF MOUTH, UNSPECIFIED	M	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
146.0 MALIGNANT NEOPLASM OF TONSIL	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147.9 MALIGNANT NEOPLASM OF NASOPHARYNX, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149.0 MALIGNANT NEOPLASM OF PHARYNX, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
150.9 MALIGNANT NEOPLASM OF ESOPHAGUS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	1	4	4	2	4	1	1	0	17
	F	0	0	0	0	0	0	0	1	0	0	2	0	0	2	0	2	7

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
151.9 MALIGNANT NEOPLASM OF STOMACH, UNSPECIFIED	M	0	0	0	0	0	0	0	0	2	0	1	2	7	0	5	0	17
	F	0	0	0	0	0	0	1	0	0	3	0	0	1	1	1	5	12
152.0 MALIGNANT NEOPLASM OF DUODENUM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
152.9 MALIGNANT NEOPLASM OF SMALL INTESTINE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153.3 MALIGNANT NEOPLASM OF SIGMOID COLON	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
153.4 MALIGNANT NEOPLASM OF CECUM	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153.6 MALIGNANT NEOPLASM OF ASCENDING COLON	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
153.9 MALIGNANT NEOPLASM OF COLON, UNSPECIFIED	M	0	0	0	0	0	0	0	0	1	0	8	9	10	12	8	2	50
	F	0	0	0	0	0	0	0	1	1	2	3	5	8	8	7	8	43
154.0 MALIGNANT NEOPLASM OF RECTOSIGMOID JUNCTION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
154.1 MALIGNANT NEOPLASM OF RECTUM	M	0	0	0	0	0	0	0	0	0	0	1	2	4	2	1	1	11
	F	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	2	7
154.3 MALIGNANT NEOPLASM OF ANUS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155.0 MALIGNANT NEOPLASM OF LIVER - PRIMARY	M	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
	F	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	4
155.1 MALIGNANT NEOPLASM OF INTRAHEPATIC BILE DUCTS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	3
155.2 MALIGNANT NEOPLASM OF LIVER, NOT SPECIFIED AS PRIMARY OR SECONDARY	M	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	5
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2
156.0 MALIGNANT NEOPLASM OF GALLBLADDER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	3
156.1 MALIGNANT NEOPLASM OF EXTRAHEPATIC BILE DUCTS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
156.2 MALIGNANT NEOPLASM OF AMPULLA OF VATER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
156.9 MALIGNANT NEOPLASM OF BILIARY TRACT, PART UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
157.0 MALIGNANT NEOPLASM OF HEAD OF PANCREAS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
157.2 MALIGNANT NEOPLASM OF TAIL OF PANCREAS	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157.9 MALIGNANT NEOPLASM OF PANCREAS, PART UNSPECIFIED	M	0	0	0	0	0	0	0	1	0	2	0	8	6	1	3	2	23
	F	0	0	0	0	0	0	0	1	2	1	0	9	4	3	4	7	31
158.8 MALIGNANT NEOPLASM OF SPECIFIED PARTS OF PERITONEUM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
159.0 MALIGNANT NEOPLASM OF INTESTINAL TRACT, PART UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	4	6
159.9 MALIGNANT NEOPLASM OF ILL-DEFINED SITE WITHIN DIGESTIVE ORGANS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3
160.9 MALIGNANT NEOPLASM OF ACCESSORY SINUS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
161.9 MALIGNANT NEOPLASM OF LARYNX, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	1	1	1	3	1	1	0	8
	F	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
162.2 MALIGNANT NEOPLASM OF MAIN BRONCHUS	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162.3 MALIGNANT NEOPLASM OF UPPER LOBE, BRONCHUS OR LUNG	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
162.9 MALIGNANT NEOPLASM OF BRONCHUS AND LUNG, UNSPECIFIED	M	0	0	0	0	0	0	0	3	15	13	30	17	37	30	17	8	170
	F	0	0	0	0	0	0	0	2	7	12	12	13	11	14	6	5	82
163.9 MALIGNANT NEOPLASM OF PLEURA, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170.9 MALIGNANT NEOPLASM OF BONE AND ARTICULAR CARTILAGE, SITE UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
171.9 MALIGNANT NEOPLASM OF CONNECTIVE & SOFT TISSUE, SITE UNSPECIFIED	M	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	3
	F	0	0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	4
172.9 MALIGNANT MELANOMA OF SKIN, SITE UNSPECIFIED	M	0	0	0	0	0	0	0	1	1	2	2	0	1	1	0	1	9
	F	0	0	0	0	0	0	0	2	0	1	1	1	0	0	0	0	5

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
173.3 MALIGNANT NEOPLASM OF SKIN OF OTHER AND UNSPECIFIED PARTS OF FACE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173.4 MALIGNANT NEOPLASM OF SKIN OF SCALP AND NECK	M	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173.9 MALIGNANT NEOPLASM OF SKIN, SITE UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174.9 MALIGNANT NEOPLASM OF FEMALE BREAST, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	6	19	9	10	15	6	8	12	9	94
175.0 MALIGNANT NEOPLASM OF MALE BREAST	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179.0 MALIGNANT NEOPLASM OF UTERUS, PART UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
180.9 MALIGNANT NEOPLASM OF CERVIX UTERI, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	1	2	0	1	0	1	1	1	8
182.0 MALIGNANT NEOPLASM OF CORPUS UTERI, EXCEPT ISTHMUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	1	3	1	2	3	0	11
183.0 MALIGNANT NEOPLASM OF OVARY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	2	5	5	3	6	3	2	5	31
183.8 OTHER MALIGNANT NEOPLASM OF OVARY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
184.4 MALIGNANT NEOPLASM OF VULVA, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	3
184.9 MALIGNANT NEOPLASM OF FEMALE GENITAL ORGANS, SITE UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
185.0 MALIGNANT NEOPLASM OF PROSTATE	M	0	0	0	0	0	0	0	0	3	1	3	6	10	16	13	23	75
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186.9 MALIGNANT NEOPLASM OF TESTIS, OTHER AND UNSPECIFIED	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188.9 MALIGNANT NEOPLASM OF BLADDER, PART UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	4	2	0	2	5	7	20
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	5
189.0 MALIGNANT NEOPLASM OF KIDNEY, EXCEPT PELVIS	M	0	0	0	0	0	0	0	0	1	1	5	2	6	2	0	0	17
	F	0	0	0	0	0	0	0	0	0	0	1	3	1	1	2	0	8

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
189.2 MALIGNANT NEOPLASM OF URETER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
189.3 MALIGNANT NEOPLASM OF URETHRA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191.1 MALIGNANT NEOPLASM OF FRONTAL LOBE OF BRAIN	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191.6 MALIGNANT NEOPLASM OF CEREBELLUM OF BRAIN	M	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
191.8 OTHER MALIGNANT NEOPLASM OF BRAIN	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191.9 MALIGNANT NEOPLASM OF BRAIN, UNSPECIFIED	M	0	0	0	0	0	0	1	5	2	1	0	2	1	1	0	0	13
	F	0	0	0	0	0	0	0	2	0	2	2	2	3	0	3	0	14
193.0 MALIGNANT NEOPLASM OF THYROID GLAND	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
194.0 MALIGNANT NEOPLASM OF SUPRARENAL GLAND	M	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194.3 MALIGNANT NEOPLASM OF PITUITARY GLAND AND CRANIOPHARYNGEAL DUCT	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
194.4 MALIGNANT NEOPLASM OF PINEAL GLAND	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195.0 MALIGNANT NEOPLASM OF HEAD, FACE AND NECK	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195.2 MALIGNANT NEOPLASM OF ILL-DEFINED SITES - ABDOMEN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	3
199.0 DISSEMINATED MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	4
199.1 OTHER MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE	M	0	0	0	0	0	0	0	1	4	3	5	7	4	4	4	5	37
	F	0	0	0	0	0	0	0	0	1	3	1	8	4	7	3	9	36
200.0 RETICULOSARCOMA	M	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
200.1 LYMPHOSARCOMA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH																
		<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
200.8 OTHER NAMED VARIANTS OF RETICULOSARCOMA AND LYMPHOSARCOMA	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
201.9 UNSPECIFIED HODGKIN'S DISEASE	M	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
202.0 NODULAR LYMPHOMA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
202.4 MALIGNANT NEOPLASM OF LEUKEMIC RETICULOENDOTHELIOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
202.8 OTHER LYMPHOMAS	M	0	0	0	0	0	1	0	0	1	1	5	2	4	2	1	0	17
	F	0	0	0	0	0	0	1	3	0	1	2	2	1	1	5	2	18
203.0 MULTIPLE MYELOMA	M	0	0	0	0	0	0	0	0	0	1	1	1	1	3	3	0	10
	F	0	0	0	0	0	0	0	0	1	0	0	2	2	1	0	1	7
204.0 ACUTE LYMPHOID LEUKEMIA	M	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	3
204.1 CHRONIC LYMPHOID LEUKEMIA	M	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
205.0 ACUTE MYELOID LEUKEMIA	M	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	0	5
	F	0	0	1	0	0	0	1	0	1	0	0	2	0	1	0	0	6
205.1 CHRONIC MYELOID LEUKEMIA	M	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	4
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	3
205.9 UNSPECIFIED MYELOID LEUKEMIA	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
208.0 ACUTE LEUKEMIA OF UNSPECIFIED CELL TYPE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
208.9 UNSPECIFIED LEUKEMIA OF UNSPECIFIED CELL TYPE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	1	0	0	0	0	0	1	0	0	0	0	0	0	2	0	4
237.1 NEOPLASM OF UNCERTAIN BEHAVIOR OF PINEAL GLAND	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
238.1 NEOPLASM OF UNCERTAIN BEHAVIOR OF CONNECTIVE AND OTHER SOFT TISSUE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
238.4 NEOPLASM OF UNCERTAIN BEHAVIOR OF POLYCYTHEMIA VERA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
238.6 NEOPLASM OF UNCERTAIN BEHAVIOR OF PLASMA CELLS	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
238.9 NEOPLASM OF UNCERTAIN BEHAVIOR, SITE UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
239.0 NEOPLASM OF UNSPECIFIED NATURE OF DIGESTIVE SYSTEM	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
239.1 NEOPLASM OF UNSPECIFIED NATURE OF RESPIRATORY SYSTEM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
239.6 NEOPLASM OF UNSPECIFIED NATURE OF BRAIN	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	3
	F	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	3
239.7 NEOPLASM OF UNSPECIFIED NATURE OF ENDOCRINE GLANDS, OTHER PARTS OF NERVOUS SYSTEM	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
241.0 NONTOXIC UNINODULAR GOITER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
242.9 THYROTOXICOSIS WITHOUT MENTION OF GOITER OR OTHER CAUSE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
244.9 UNSPECIFIED HYPOTHYROIDISM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
250.0 DIABETES MELLITUS WITHOUT MENTION OF COMPLICATION	M	0	0	0	0	0	0	2	2	1	4	4	7	7	4	8	5	44
	F	0	0	0	0	0	0	0	2	2	0	4	2	4	6	12	13	45
250.1 DIABETES WITH KETOACIDOSIS WITHOUT MENTION OF COMA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
250.2 DIABETES WITH COMA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2
250.3 DIABETES WITH RENAL MANIFESTATIONS	M	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2	1	5
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250.4 DIABETES WITH OPHTHALMIC MANIFESTATIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250.6 DIABETES WITH PERIPHERAL CIRCULATORY DISORDERS	M	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
250.7 DIABETES WITH OTHER SPECIFIED MANIFESTATIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
250.9 DIABETES WITH UNSPECIFIED COMPLICATIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
261.0 NUTRITIONAL MARASMUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
263.9 UNSPECIFIED PROTEIN-CALORIE MALNUTRITION	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	7
272.0 HYPERCHOLESTEROLEMIA	M	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	3
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	3
272.4 OTHER AND UNSPECIFIED HYPERLIPIDEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
272.8 OTHER DISORDERS OF LIPOID METABOLISM	M	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
275.0 DISORDERS OF IRON METABOLISM	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
276.0 HYPEROSMOLALTY AND/OR HYPERNATREMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
276.1 HYPOSMOLALITY AND/OR HYPONATRAEMIA	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
276.2 ACIDOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
276.5 VOLUME DEPLETION OF PLASMA OR EXTRACELLULAR FLUID	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	6
276.6 FLUID OVERLOAD	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
276.7 HYPERPOTASSAEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
277.0 CYSTIC FIBROSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
277.2 OTHER DISORDERS OF PURINE AND PYRIMIDINE METABOLISM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
277.3 AMYLOIDOSIS	M	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
277.6 OTHER DEFICIENCIES OF CIRCULATING ENZYMES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
278.0 OBESITY	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
279.1 DEFICIENCY OF CELL-MEDIATED IMMUNITY	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
279.3 UNSPECIFIED IMMUNITY DEFICIENCY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
279.8 OTHER DISORDERS INVOLVING THE IMMUNE MECHANISM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
281.0 PERNICIOUS ANEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
282.9 UNSPECIFIED HEREDITARY HEMOLYTIC ANEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
284.8 OTHER APLASTIC ANEMIAS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
284.9 UNSPECIFIED APLASTIC ANEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2
285.1 ACUTE POSTHAEMORRHAGIC ANEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
285.9 ANEMIA, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4
286.9 OTHER AND UNSPECIFIED COAGULATION DEFECTS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
287.3 PRIMARY THROMBOCYTOPENIA	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
288.0 AGRANULOCYTOSIS	M	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
289.8 OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	M	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
290.0 SENILE DEMENTIA, SIMPLE TYPE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	5

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
290.1 PRESENILE DEMENTIA	M	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	5	8
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	11	17
290.4 ARTERIOSCLEROTIC DEMENTIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
291.8 OTHER ALCOHOLIC PSYCHOSES	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
295.9 UNSPECIFIED SCHIZOPHRENIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
298.9 UNSPECIFIED PSYCHOSIS	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	6	9
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11	15
303.0 ALCOHOL DEPENDENCE SYNDROME	M	0	0	0	0	0	0	0	2	0	0	2	0	0	3	0	1	8
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
305.0 NONDEPENDENT ABUSE OF ALCOHOL	M	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
310.9 UNSPECIFIED NONPSYCHOTIC MENTAL DISORDERS AFTER ORGANIC BRAIN DAMAGE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	6
311.0 DEPRESSIVE DISORDER, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
319.0 UNSPECIFIED MENTAL RETARDATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
320.1 PNEUMOCOCCAL MENINGITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
330.0 LEUDODYSTROPHY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
331.0 ALZHEIMER'S DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	0	3	2	3	6	14
	F	0	0	0	0	0	0	0	0	0	0	0	2	1	3	10	19	35
331.4 OBSTRUCTIVE HYDROCEPHALUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
331.8 OTHER CEREBRAL DEGENERATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
331.9 UNSPECIFIED CEREBRAL DEGENERATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
332.0 PARALYSIS AGITANS	M	0	0	0	0	0	0	0	0	0	0	0	1	2	8	0	7	18
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	3	6	2	12
333.0 OTHER DEGENERATIVE DISEASES OF THE BASAL GANGLIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
333.2 MYOCLONUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
333.4 HUNTINGTON'S CHOREA	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
334.9 UNSPECIFIED SPINOCEREBELLAR DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
335.2 MOTOR NEURON DISEASE	M	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	1	7
	F	0	0	0	0	0	1	0	0	2	0	1	1	3	0	2	1	11
340.0 MULTIPLE SCLEROSIS	M	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	0	5
	F	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	4
341.8 OTHER DEMYELINATING DISEASE OF CENTRAL NERVOUS SYSTEM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
343.9 INFANTILE CEREBRAL PALSY, UNSPECIFIED	M	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2
345.9 EPILEPSY, UNSPECIFIED	M	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	3
	F	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
348.1 ANOXIC BRAIN DAMAGE	M	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
348.3 ENCEPHALOPATHY, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
349.8 OTHER DISORDER OF THE NERVOUS SYSTEM	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
351.0 BELL'S PALSY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
358.0 MYASTHENIA GRAVIS	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
359.1 HEREDITARY PROGRESSIVE MUSCULAR DYSTROPHY	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
359.3 FAMILIAL PERIODIC PARALYSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
359.8 OTHER MUSCULAR DYSTROPHIES AND MYOPATHIES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
394.1 RHEUMATIC MITRAL INSUFFICIENCY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
394.9 OTHER AND UNSPECIFIED DISEASES OF MITRAL VALVE	M	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	3
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
396.0 DISEASES OF MITRAL AND AORTIC VALVES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
397.9 RHEUMATIC DISEASES OF ENDOCARDIUM, VALVE UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
398.9 OTHER AND UNSPECIFIED RHEUMATIC HEART DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	1	5
401.9 ESSENTIAL HYPERTENSION, NOT SPECIFIED MALIGNANT OR BENIGN	M	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	4
402.9 HYPERTENSIVE HEART DISEASE, NOT SPECIFIED AS MALIGNANT OR BENIGN	M	0	0	0	0	0	0	1	0	0	2	2	4	1	0	4	3	17
	F	0	0	0	0	0	0	0	2	0	2	4	0	2	5	3	13	31
403.9 HYPERTENSIVE RENAL DISEASE, NOT SPECIFIED AS MALIGNANT OR BENIGN	M	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	3	9
	F	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	4	9
404.9 HYPERTENSIVE HEART & RENAL DISEASE, UNSPECIFIED AS MALIGNANT OR BENIGN	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
410.0 ACUTE MYOCARDIAL INFARCTION	M	0	0	0	0	0	0	1	12	18	22	32	46	41	50	40	28	290
	F	0	0	0	0	0	0	1	3	6	4	10	17	17	38	42	75	213
411.0 OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	M	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	1	4
	F	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	4
412.0 OLD MYOCARDIAL INFARCTION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
413.0 ANGINA PECTORIS	M	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
414.0 CORONARY ATHEROSCLEROSIS	M	0	0	0	0	0	0	0	2	12	8	10	10	20	19	18	23	122
	F	0	0	0	0	0	0	0	1	2	1	3	6	11	13	18	78	133

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
414.8 OTHER SPECIFIED FORMS OF CHRONIC ISCHEMIC HEART DISEASE	M	0	0	0	0	0	0	0	0	0	1	3	1	3	0	3	2	13
	F	0	0	0	0	0	0	0	0	1	0	0	0	2	5	8	4	20
414.9 UNSPECIFIED FORMS OF CHRONIC ISCHEMIC HEART DISEASE	M	0	0	0	0	0	0	0	0	2	3	6	10	6	17	9	9	62
	F	0	0	0	0	0	0	0	1	1	2	3	7	3	11	10	23	61
415.1 PULMONARY EMBOLISM AND INFARCTION	M	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	5	11
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3	1	6
416.0 PRIMARY PULMONARY HYPERTENSION	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	4
416.9 PULMONARY HEART DISEASE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
421.0 ACUTE AND SUBACUTE BACTERIAL ENDOCARDITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	3
424.0 MITRAL VALVE DISORDERS	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
424.1 AORTIC VALVE DISORDERS	M	0	0	0	0	0	0	0	0	0	2	1	0	4	3	3	4	17
	F	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	7	12
424.9 ENDOCARDITIS, VALVE UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	3	5
425.4 OTHER PRIMARY CARDIOMYOPATHIES	M	0	0	1	0	0	1	1	0	0	1	1	1	4	5	3	2	20
	F	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	6	14
425.5 ALCOHOLIC CARDIOMYOPATHY	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
425.9 SECONDARY CARDIOMYOPATHY, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426.0 ATRIOVENTRICULAR BLOCK, COMPLETE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
426.7 ANOMALOUS ATRIOVENTRICULAR EXCITATION	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426.8 OTHER SPECIFIED CONDUCTION DISORDERS	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
426.9 UNSPECIFIED CONDUCTION DISORDERS	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
427.1 PAROXYSMAL VENTRICULAR TACHYCARDIA	M	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
427.3 ATRIAL FIBRILLATION AND FLUTTER	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6
427.4 VENTRICULAR FIBRILLATION AND FLUTTER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
427.5 CARDIAC ARREST	M	0	0	0	0	0	0	0	1	1	0	1	0	3	3	7	2	18
	F	0	0	0	0	0	0	1	0	0	1	1	1	2	5	2	12	25
427.8 OTHER CONDUCTION DISORDERS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
427.9 UNSPECIFIED CARDIAC DYSRHYTHMIAS	M	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	1	5
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	4	8
428.0 CONGESTIVE HEART FAILURE	M	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	11	20
	F	0	0	0	0	0	0	0	0	1	0	0	0	2	3	7	21	34
428.1 LEFT HEART FAILURE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
428.9 UNSPECIFIED HEART FAILURE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
429.0 MYOCARDITIS, UNSPECIFIED	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
429.2 CARDIOVASCULAR DISEASE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	3	7	3	15	12	18	17	26	101
	F	0	0	0	0	0	0	0	0	0	3	3	3	3	15	21	77	125
429.3 CARDIOMEGALY	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
429.9 HEART DISEASE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	1	5
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
430.0 SUBARACHNOID HEMORRHAGE	M	0	0	0	0	0	0	1	2	0	1	0	0	1	0	1	1	7
	F	0	0	0	0	0	0	1	0	2	0	1	0	0	2	1	2	9
431.0 INTRACEREBRAL HEMORRHAGE	M	0	0	0	0	0	0	0	1	1	0	1	1	1	4	1	2	12
	F	0	0	0	0	0	0	0	0	2	0	3	1	1	5	1	10	23
432.9 UNSPECIFIED INTRACRANIAL HEMORRHAGE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	3

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
433.1 OCCLUSION AND STENOSIS OF CAROTID ARTERY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
434.0 CEREBRAL THROMBOSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	9
434.1 CEREBRAL EMBOLISM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
434.9 OCCLUSION OF CEREBRAL ARTERIES, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	1	5	5	3	14
	F	0	0	0	0	0	0	0	0	0	0	0	1	4	2	4	5	16
435.0 TRANSIENT CEREBRAL ISCHAEMIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
436.0 ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	M	0	0	0	0	0	0	0	0	1	2	4	7	8	13	12	20	67
	F	0	0	0	0	0	0	0	0	1	1	0	4	3	13	21	53	96
437.0 CEREBRAL ATHEROSCLEROSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
437.1 OTHER GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
437.3 CEREBRAL ANEURYSM, NONRUPTURED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
437.9 UNSPECIFIED CEREBROVASCULAR DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	7
438.0 LATE EFFECTS OF CEREBROVASCULAR DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	7
440.2 ATHEROSCLEROSIS OF ARTERIES OF THE EXTREMITIES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
440.9 GENERALIZED AND UNSPECIFIED ATHEROSCLEROSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	4	10
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14	17
441.0 DISSECTING ANEURYSM, ANY PART	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	4
441.1 THORACIC ANEURYSM, RUPTURED	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
441.2 THORACIC ANEURYSM WITHOUT MENTION OF RUPTURE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
441.3 ABDOMINAL ANEURYSM, RUPTURED	M	0	0	0	0	0	0	0	0	0	1	1	3	4	2	6	2	19
	F	0	0	0	0	0	0	0	0	0	0	1	0	3	0	2	4	10
441.4 ABDOMINAL ANEURYSM WITHOUT MENTION OF RUPTURE	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
441.5 AORTIC ANEURYSM OF UNSPECIFIED SITE, RUPTURED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
441.6 AORTIC ANEURYSM OF UNSPECIFIED SITE WITHOUT MENTION OF RUPTURE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
442.2 ANEURYSM OF ILIAC ARTERY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
442.9 OTHER ANEURYSM OF UNSPECIFIED SITE	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
443.9 UNSPECIFIED PERIPHERAL VASCULAR DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0	7
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	4
444.2 ARTERIAL EMBOLISM AND THROMBOSIS OF ARTERIES OF THE EXTREMITIES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
447.6 ARTERITIS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
447.9 UNSPECIFIED DISORDERS OF ARTERIES AND ARTERIOLES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
456.0 ESOPHAGEAL VARICES WITH BLEEDING	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
458.9 HYPOTENSION, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
459.0 HEMORRHAGE, UNSPECIFIED	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
466.0 ACUTE BRONCHITIS	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
480.9 VIRAL PNEUMONIA, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
481.0 PNEUMOCOCCAL PNEUMONIA	M	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
482.3 PNEUMONIA DUE TO STREPTOCOCCUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
482.4 PNEUMONIA DUE TO STAPHYLOCOCCUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
485.0 BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	2	5
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
486.0 PNEUMONIA, ORGANISM UNSPECIFIED	M	0	0	0	0	0	0	0	1	1	0	2	5	2	11	11	33	66
	F	0	0	0	0	0	0	0	0	0	1	1	1	6	6	18	58	91
487.0 INFLUENZA WITH PNEUMONIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
487.1 INFLUENZA WITH OTHER RESPIRATORY MANIFESTATIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
490.0 BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
491.0 SIMPLE CHRONIC BRONCHITIS	M	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
491.2 OBSTRUCTIVE CHRONIC BRONCHITIS	M	0	0	0	0	0	0	0	0	0	0	1	0	1	0	3	1	6
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
491.8 OTHER CHRONIC BRONCHITIS	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
491.9 CHRONIC BRONCHITIS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
492.0 EMPHYSEMA	M	0	0	0	0	0	0	0	0	0	2	1	2	2	3	3	0	13
	F	0	0	0	0	0	0	0	0	0	0	2	1	3	2	2	0	10
493.9 ASTHMA, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	4
	F	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	8
494.0 BRONCHIECTASIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
496.0 CHRONIC AIRWAY OBSTRUCTION, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	0	0	0	0	4	8	10	31	27	22	17	119
	F	0	0	0	0	0	0	0	0	1	1	2	3	14	18	9	7	55
502.0 PNEUMOCONIOSIS DUE TO OTHER SILICA OR SILICATES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH		AGE AT DEATH																
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
505.0 PNEUMOCONIOSIS, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
507.0 PNEUMONITIS DUE TO INHALATION OF FOOD OR VOMIT	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	6
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5
510.0 EMPYEMA WITH FISTULA	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
512.0 PNEUMOTHORAX	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
514.0 PULMONARY CONGESTION AND HYPOSTASIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
515.0 POSTINFLAMMATORY PULMONARY FIBROSIS	M	0	0	0	0	0	0	0	0	1	0	1	0	3	2	2	3	12
	F	0	0	0	0	0	0	0	0	0	0	0	3	1	2	0	1	7
516.8 OTHER ALVEOLAR AND PARIETOALVEOLAR PNEUMOPATHY	M	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
518.0 PULMONARY COLLAPSE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
518.5 PULMONARY INSUFFICIENCY FOLLOWING TRAUMA AND SURGERY	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
518.8 OTHER DISEASES OF LUNG, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	4
519.3 OTHER DISEASES OF MEDIASTINUM, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
519.4 DISORDERS OF DIAPHRAGM	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
519.8 OTHER DISEASES OF RESPIRATORY SYSTEM, NOT ELSEWHERE CLASSIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
522.5 PERIAPICAL ABSCESS WITHOUT SINUS	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
530.1 OESOPHAGITIS	M	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
530.2 ULCER OF ESOPHAGUS	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
530.3 STRICTURE AND STENOSIS OF ESOPHAGUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
531.4 GASTRIC ULCER, CHRONIC OR UNSPECIFIED WITH HEMORRHAGE	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
532.4 DUODENAL ULCER, CHRONIC OR UNSPECIFIED, WITH HEMORRHAGE	M	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
532.5 DUODENAL ULCER, CHRONIC OR UNSPECIFIED, WITH PERFORATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
533.4 PEPTIC ULCER, CHRONIC OR UNSPECIFIED, WITH HEMORRHAGE	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
533.9 UNSPECIFIED PEPTIC ULCER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
535.3 ALCOHOLIC GASTRITIS	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
535.5 UNSPECIFIED GASTRITIS AND GASTRODUODENITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
550.1 INGUINAL HERNIA, WITH OBSTRUCTION, WITHOUT MENTION OF GANGRENE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
551.2 VENTRAL INCISIONAL HERNIA OF ABDOMINAL CAVITY, WITH GANGRENE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
552.0 FEMORAL HERNIA WITH OBSTRUCTION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
553.2 VENTRAL INCISIONAL HERNIA OF ABDOMINAL CAVITY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
553.3 DIAPHRAGMATIC HERNIA WITHOUT OBSTRUCTION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
556.0 IDIOPATHIC PROCTOCOLITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
557.0 ACUTE VASCULAR INSUFFICIENCY OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
	F	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	3
557.1 CHRONIC VASCULAR INSUFFICIENCY OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
557.9 UNSPECIFIED VASCULAR INSUFFICIENCY OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	3
558.0 OTHER NONINFECTIOUS GASTROENTERITIS AND COLITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
560.2 INTESTINAL OBSTRUCTION OF VOLVULUS WITHOUT MENTION OF HERNIA	M	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
560.3 IMPACTION OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
560.8 OTHER INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
560.9 UNSPECIFIED INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
562.1 DIVERTICULA OF COLON	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	3	8
564.7 MEGACOLON, OTHER THAN HIRSCHSPRUNG'S	M	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
567.2 OTHER SUPPURATIVE PERITONITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
567.9 UNSPECIFIED PERITONITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
569.5 ABSCESS OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
569.8 OTHER DISORDERS OF INTESTINE	M	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	5
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
569.9 UNSPECIFIED DISORDERS OF INTESTINE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
570.0 ACUTE AND SUBACUTE NECROSIS OF LIVER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
571.0 ALCOHOLIC FATTY LIVER	M	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
571.1 ACUTE ALCOHOLIC HEPATITIS	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH																
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
571.2 ALCOHOLIC CIRRHOSIS OF LIVER	M	0	0	0	0	0	0	0	0	5	4	4	1	0	1	0	0	15
	F	0	0	0	0	0	0	0	0	1	1	3	0	0	0	0	0	5
571.3 ALCOHOLIC LIVER DAMAGE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
571.4 CHRONIC HEPATITIS	M	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
571.5 CIRRHOSIS OF LIVER WITHOUT MENTION OF ALCOHOL	M	0	0	0	0	0	0	0	1	2	0	2	1	1	3	0	0	10
	F	0	0	0	0	0	0	0	0	3	0	1	2	0	2	0	2	10
572.8 OTHER SEQUELAE OF CHRONIC LIVER DISEASE	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
573.3 HEPATITIS UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
573.9 UNSPECIFIED DISORDER OF LIVER	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
574.1 CALCULUS OF GALLBLADDER WITH OTHER CHOLECYSTITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
574.2 CALCULUS OF GALLBLADDER WITHOUT MENTION OF CHOLECYSTITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
574.5 CALCULUS OF BILE DUCT WITHOUT MENTION OF CHOLECYSTITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
575.0 ACUTE CHOLECYSTITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
575.1 OTHER CHOLECYSTITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
575.9 UNSPECIFIED DISORDER OF GALLBLADDER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
576.2 OBSTRUCTION OF BILE DUCT	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
577.0 ACUTE PANCREATITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
577.2 CYST AND PSEUDOCYST OF PANCREAS	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 45
1989 VERMONT RESIDENTS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH																
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
577.8 OTHER DISEASES OF PANCREAS	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
578.0 HAEMATEMESIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
578.9 HEMORRHAGE OF GASTROINTESTINAL TRACT, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	5	8
	F	1	0	0	0	0	0	0	0	0	0	1	0	2	4	1	6	15
580.9 UNSPECIFIED ACUTE GLOMERULONEPHRITIS	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
582.9 UNSPECIFIED CHRONIC GLOMERULONEPHRITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
583.9 NEPHRITIS & NEPHROPATHY WITH UNSPECIFIED PATHOLOGICAL LESION IN KIDNEY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
584.5 ACUTE RENAL FAILURE WITH LESION OF TUBULAR NECROSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
584.9 ACUTE RENAL FAILURE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
585.0 CHRONIC RENAL FAILURE	M	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	2	5
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
586.0 RENAL FAILURE, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	2	9
	F	0	0	0	0	0	0	0	0	1	0	0	2	3	5	1	3	15
590.0 CHRONIC PYELONEPHRITIS AND CHRONIC PYONEPHROSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
590.8 PYELONEPHRITIS OR PYONEPHROSIS, NOT SPECIFIED AS ACUTE OR CHRONIC	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
591.0 HYDRONEPHROSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
593.8 OTHER DISORDERS OF KIDNEY AND URETER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
593.9 UNSPECIFIED DISORDERS OF KIDNEY AND URETER	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	3
	F	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	4
596.4 ATONY OF BLADDER	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
599.0 URINARY TRACT INFECTION, SITE NOT SPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	5
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	7	12
599.6 URINARY OBSTRUCTION, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
599.9 UNSPECIFIED OTHER DISORDERS OF URETHRA AND URINARY TRACT	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
623.8 OTHER NONINFLAMMATORY DISORDER OF VAGINA	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
646.6 INFECTIONS OF GENITOURINARY TRACT IN PREGNANCY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
682.9 OTHER CELLULITIS AND ABSCESS OF UNSPECIFIED SITE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
695.4 LUPUS ERYTHEMATOSUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
707.0 DECUBITUS ULCER	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
707.1 ULCER OF LOWER LIMBS, EXCEPT DECUBITUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
710.0 SYSTEMIC LUPUS ERYTHEMATOSUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
710.1 SYSTEMIC SCLEROSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
714.0 RHEUMATOID ARTHRITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	4
714.1 FELTY'S SYNDROME	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
715.0 OSTEOARTHRITIS AND ALLIED DISORDERS, GENERALIZED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
715.9 OSTEOARTHRITIS & ALLIED DISORDERS, UNSPECIFIED WHETHER GENERALIZED OR LOCAL	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
716.9 UNSPECIFIED ARTHROPATHIES	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
733.0 OSTEOPOROSIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
742.5 OTHER SPECIFIED ANOMALIES OF SPINAL CORD	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
745.0 COMMON TRUNCUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
745.4 VENTRICULAR SEPTAL DEFECT	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
746.8 OTHER SPECIFIED ANOMALIES OF HEART	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
746.9 UNSPECIFIED ANOMALIES OF HEART	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3
747.9 UNSPECIFIED ANOMALIES OF CIRCULATORY SYSTEM	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
748.5 AGENESIS, HYPOPLASIA AND DYSPLASIA OF LUNG	M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
748.6 OTHER ANOMALIES OF LUNG	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
756.5 OSTEODYSTROPHIES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
757.3 OTHER SPECIFIED CONGENITAL ANOMALIES OF SKIN	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
758.5 OTHER CONDITIONS DUE TO AUTOSOMAL ANOMALIES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
759.7 MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
759.8 OTHER SPECIFIED CONGENITAL ANOMALIES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
760.0 FETUS OR NEWBORN AFFECTED BY MATERNAL HYPERTENSIVE DISORDERS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
761.0 NEWBORN AFFECTED BY INCOMPETENT CERVIX OF MOTHER	M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	F	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
761.1 FETUS OR NEWBORN AFFECTED BY PREMATURE RUPTURE OF MEMBRANES	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
761.3 FETUS OR NEWBORN AFFECTED BY POLYHYDRAMNIOS	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
762.1 NEWBORN AFFECTED BY OTHER FORMS OF PLACENTAL SEPARATION & HEMORRHAGE	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
762.3 FETUS OR NEWBORN AFFECTED BY PLACENTAL TRANSFUSION SYNDROMES	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
762.7 FETUS OR NEWBORN AFFECTED BY CHORIOMNIONITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
765.0 EXTREME IMMATURITY	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
765.1 OTHER PRETERM INFANTS	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
768.4 FETAL DISTRESS, UNSPECIFIED, IN LIVEBORN INFANT	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
768.9 UNSPECIFIED BIRTH ASPHYXIA IN LIVEBORN INFANT	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
769.0 RESPIRATORY DISTRESS SYNDROME	M	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
770.1 MASSIVE ASPIRATION SYNDROME	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
770.2 INTERSTITIAL EMPHYSEMA AND RELATED CONDITIONS IN FETUS AND NEWBORN	M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
770.7 CHRONIC RESPIRATORY DISEASE ARISING IN THE PERINATAL PERIOD	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
770.8 OTHER RESPIRATORY PROBLEMS AFTER BIRTH	M	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
771.8 OTHER INFECTION SPECIFIC TO THE PERINATAL PERIOD	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
778.0 HYDROPS FETALIS NOT DUE TO ISOIMMUNIZATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
779.8 OTHER ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
780.0 COMA AND STUPOR	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
785.4 GANGRENE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
785.5 SHOCK WITHOUT MENTION OF TRAUMA	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
798.0 SUDDEN INFANT DEATH SYNDROME	M	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
	F	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
798.1 INSTANTANEOUS DEATH	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
799.1 RESPIRATORY FAILURE	M	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
799.8 OTHER ILL-DEFINED CONDITIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
799.9 OTHER UNKNOWN AND UNSPECIFIED DISEASES	M	0	0	0	0	1	0	3	1	0	0	0	0	0	0	0	0	5
	F	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3
E805.2 PEDESTRIAN HIT IN RAILWAY ACCIDENT	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
E812.0 MOTOR VEHICLE TRAFFIC ACC., COLLISION WITH ANOTHER MOTOR VEHICLE, DRIVER	M	0	0	0	1	0	2	0	1	2	0	0	2	0	0	2	0	10
	F	0	0	0	0	1	2	0	1	0	0	0	0	0	0	0	0	4
E812.1 MOTOR VEHICLE TRAFFIC ACC., COLLISION WITH ANOTHER MOTOR VEHICLE, PASSENGER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	4
E812.2 MOTOR VEHICLE TRAFFIC ACC., COLLISION WITH ANOTHER MOTOR VEHICLE, MOTORCYCLIST	M	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E812.9 OTHER MOTOR VEH. TRAFF. ACC, COLLISION WITH ANOTHER MOTOR VEHICLE, UNSPECIFIED PERSON	M	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	1	5
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
E813.6 MOTOR VEHICLE TRAFFIC ACCIDENT, COLLISION WITH OTHER VEHICLE, PEDAL CYCLIST	M	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E814.7 MOTOR VEHICLE TRAFFIC ACCIDENT, COLLISION WITH PEDESTRIAN, PEDESTRIAN	M	0	0	1	0	1	0	1	2	0	0	0	1	0	0	1	0	7
	F	0	0	2	0	0	0	0	0	0	0	0	0	0	3	0	0	5

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
E815.0 OTHER MOTOR VEHICLE TRAFFIC ACCIDENT, COLLISION ON THE HIGHWAY, DRIVER	M	0	0	0	0	0	3	1	1	1	0	0	0	0	0	0	0	6
	F	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	4
E815.1 OTHER MOTOR VEHICLE TRAFFIC ACCIDENT, COLLISION ON THE HIGHWAY, PASSENGER	M	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	3
	F	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
E815.9 OTHER MOTOR VEHICLE TRAFFIC ACCIDENT, COLLISION ON THE HIGHWAY, UNSPECIFIED PERSON	M	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
E816.0 MOTOR VEHICLE TRAFFIC ACC., DUE TO LOSS OF CONTROL, WITHOUT COLLISION, DRIVER	M	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E816.1 MOTOR VEHICLE TRAFFIC ACC., DUE TO LOSS OF CONTROL, WITHOUT COLLISION, PASSENGER	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E816.2 MOTOR VEHICLE TRAFFIC ACC., DUE TO LOSS OF CONTROL, W/O COLLISION, MOTORCYCLIST	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E816.9 MOTOR VEHICLE TRAFFIC ACC., DUE TO LOSS OF CONTROL, W/O COLLISION, UNSPEC. PERSON	M	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E818.0 OTHER NONCOLLISION MOTOR VEHICLE TRAFFIC ACCIDENT, DRIVER	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
E818.1 OTHER NONCOLLISION MOTOR VEHICLE TRAFFIC ACCIDENT, PASSENGER	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E818.9 OTHER NONCOLLISION MOTOR VEHICLE TRAFFIC ACCIDENT, UNSPECIFIED PERSON	M	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E819.0 MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE, DRIVER	M	0	0	0	0	0	2	3	0	0	0	0	1	0	0	0	0	6
	F	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
E819.1 MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE, PASSENGER	M	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2
	F	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
E819.2 MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE, MOTORCYCLIST	M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E819.9 MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE, UNSPECIFIED PERSON	M	0	0	0	0	5	3	2	1	0	0	0	0	0	0	0	0	11
	F	0	1	0	0	2	0	0	0	1	0	1	0	1	0	1	0	7
E821.9 NONTRAFFIC ACCIDENT INVOLVING OTHER OFF-ROAD MOTOR VEHICLE, UNSPECIFIED PERSON	M	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E825.9 OTHER MOTOR VEHICLE NONTRAFFIC ACC. OF UNSPECIFIED NATURE, UNSPEC. PERSON	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
E838.1 COMPOUND DISLOCATION OF FOOT	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E840.3 ACCIDENT TO POWERED AIRCRAFT AT TAKEOFF OR LANDING, OTHER OCCUPANT	M	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
	F	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
E850.0 ACCIDENTAL POISONING BY OPIATES AND RELATED NARCOTICS	M	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E858.9 ACCIDENTAL POISONING BY UNSPECIFIED DRUGS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
E860.1 ACCIDENTAL POISONING BY OTHER AND UNSPECIFIED ETHYL ALCOHOL AND ITS PRODUCTS	M	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E875.0 CONTAMINATED SUBSTANCE TRANSFUSED OR INFUSED	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E878.1 COMPLICATION FROM SURGICAL OPERATION WITH IMPLANT OF ARTIFICIAL DEVICE	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E878.4 COMPLICATION FROM OTHER RESTORATIVE SURGERY	M	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E878.5 COMPLICATION FROM SURGICAL AMPUTATION OF LIMBS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
E878.8 COMPLICATION FROM OTHER SURGICAL OPERATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
E878.9 COMPLICATION FROM UNSPECIFIED SURGICAL OPERATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
E879.6 COMPLICATION FROM URINARY CATHETERIZATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E880.9 ACCIDENTAL FALL ON OR FROM OTHER STAIRS OR STEPS	M	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
E881.0 ACCIDENTAL FALL FROM LADDER	M	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E884.1 ACCIDENTAL FALL FROM CLIFF	M	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E884.2 ACCIDENTAL FALL FROM CHAIR OR BED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
E884.9 OTHER ACCIDENTAL FALL FROM ONE LEVEL TO ANOTHER	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E885.0 ACCIDENTAL FALL ON SAME LEVEL FROM SLIPPING, TRIPPING OR STUMBLING	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
E887.0 ACCIDENTAL FRACTURE, CAUSE UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	10
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	9
E888.0 OTHER AND UNSPECIFIED ACCIDENTAL FALL	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	4	8
E890.2 OTHER SMOKE AND FUMES FROM CONFLAGRATION IN PRIVATE DWELLING	M	0	0	1	0	0	0	0	1	1	0	0	0	1	0	1	0	5
	F	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	3
E892.0 CONFLAGRATION NOT IN BUILDING OR STRUCTURE	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E893.0 ACCIDENT CAUSED BY IGNITION OF CLOTHING FROM CONTROLLED FIRE IN PRIVATE DWELLING	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E894.0 ACCIDENT CAUSED BY IGNITION OF HIGHLY INFLAMMABLE MATERIAL	M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
E895.0 ACCIDENT CAUSED BY CONTROLLED FIRE IN PRIVATE DWELLING	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
E899.0 ACCIDENT CAUSED BY UNSPECIFIED FIRE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
E901.0 ACCIDENTS CAUSED BY EXCESSIVE COLD DUE TO WEATHER CONDITIONS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
E901.9 ACCIDENTS CAUSED BY EXCESSIVE COLD OF UNSPECIFIED ORIGIN	M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E910.2 ACCIDENTAL DROWNING DURING RECREATION WITHOUT DIVING EQUIPMENT	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E910.8 OTHER ACCIDENTAL DROWNING	M	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E910.9 UNSPECIFIED ACCIDENTAL DROWNING	M	0	0	0	0	1	0	0	1	0	0	0	1	0	0	1	0	4
	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E911.0 ACCIDENT CAUSED BY INHALATION & INGESTION OF FOOD CAUSING SUFFOCATION	M	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2

CAUSE OF DEATH BY AGE AT DEATH AND SEX

CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH																
		<1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85+	TOTAL
E912.0 ACCIDENT CAUSED BY INHALATION & INGESTION OF OTHER OBJECT CAUSING SUFFOCATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
E913.8 ACCIDENTAL MECHANICAL SUFFOCATION BY OTHER SPECIFIED MEANS	M	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E916.0 STRUCK ACCIDENTALLY BY FALLING OBJECT	M	0	0	0	0	0	0	1	0	2	0	0	0	1	0	0	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E919.0 ACCIDENT CAUSED BY AGRICULTURAL MACHINERY	M	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E919.2 ACCIDENT CAUSED BY LIFTING MACHINES AND APPLIANCES	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E920.8 OTHER ACCIDENTS CAUSED BY CUTTING AND PIERCING INSTRUMENTS OR OBJECTS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
E922.0 ACCIDENT CAUSED BY HAND GUN	M	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E922.9 ACCIDENT CAUSED BY UNSPECIFIED FIREARM MISSILE	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
E923.0 ACCIDENT CAUSED BY FIREWORKS	M	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E928.9 UNSPECIFIED ENVIRONMENTAL AND ACCIDENTAL CAUSES OF DEATH	M	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E929.9 LATE EFFECTS OF UNSPECIFIED ACCIDENT	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E950.3 SUICIDE BY TRANQUILLIZERS AND OTHER PSYCHOTROPIC AGENTS	M	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	3
	F	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
E950.4 SUICIDE BY OTHER SPECIFIED DRUGS AND MEDICANTS	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	2
E950.5 SUICIDE BY UNSPECIFIED DRUG OR MEDICANT	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E950.9 SUICIDE BY OTHER AND UNSPECIFIED SOLID AND LIQUID SUBSTANCES	M	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E952.0 SUICIDE BY MOTOR VEHICLE EXHAUST GAS	M	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CAUSE OF DEATH BY AGE AT DEATH AND SEX

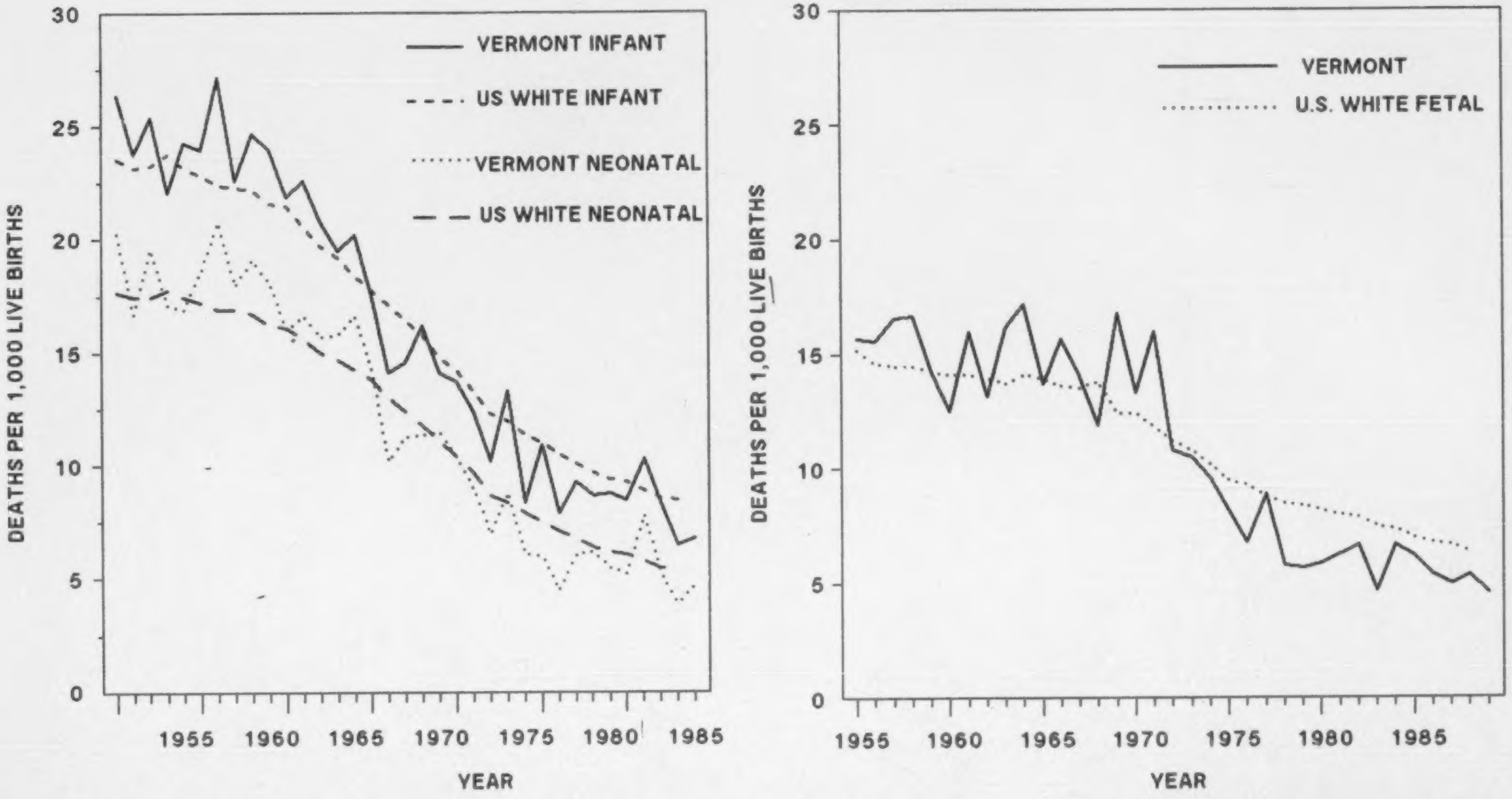
CAUSE OF DEATH INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH																
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	TOTAL
E953.0 SUICIDE BY HANGING	M	0	0	0	1	0	3	2	2	1	0	0	0	1	1	0	1	12
	F	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
E955.0 SUICIDE BY HANDGUN	M	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E955.1 SUICIDE BY SHOTGUN	M	0	0	0	0	0	3	1	0	1	0	1	0	0	0	0	0	6
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E955.2 SUICIDE BY HUNTING RIFLE	M	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	4
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E955.4 SUICIDE BY OTHER AND UNSPECIFIED FIREARM	M	0	0	0	0	1	3	12	9	5	4	2	2	2	3	2	3	48
	F	0	0	0	1	0	0	1	0	5	0	1	0	0	0	0	0	8
E956.0 SUICIDE BY CUTTING & PIERCING INSTRUMENTS	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
E958.8 SUICIDE BY OTHER SPECIFIED MEANS	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E964.0 ASSAULT BY SUBMERSION OR DROWNING	M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E965.4 ASSAULT BY OTHER AND UNSPECIFIED FIREARM	M	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	4
	F	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
E966.0 ASSAULT BY CUTTING AND PIERCING INSTRUMENT	M	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	3
	F	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
E968.2 ASSAULT BY STRIKING WITH BLUNT OR THROWN OBJECT	M	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	M	33	1	9	4	18	39	68	94	125	122	214	249	337	350	334	360	2357
	F	25	12	5	4	6	14	21	54	88	82	114	158	190	298	361	788	2220
TOTAL		58	13	14	8	24	53	89	148	213	204	328	407	527	648	695	1148	4577

Infant Deaths, Fetal Deaths, Abortions and Pregnancies

Figure 8

VERMONT AND U.S. WHITE INFANT AND NEONATAL MORTALITY RATES AND FETAL MORTALITY RATIOS

1955 - 1989



U.S. DATA FOR 1989 NOT AVAILABLE

INFANT DEATHS, FETAL DEATHS, ABORTIONS AND PREGNANCIES

In 1989 there were 58 resident infant deaths, for a rate of 6.8 infant deaths per 1000 live births. This is a slight increase from the 1988 rate of 6.5, and lower than the 1988 U.S. white infant mortality rate of 8.5.

Sixty-nine percent of the infant deaths occurred during the neonatal period, that is, the first 27 days of life. This yields a neonatal rate of 4.7 deaths per 1000 live births compared to 3.9 in 1988 and the 1988 U.S. white neonatal death rate of 5.4.

The leading causes of infant death were: congenital anomalies (13 deaths), maternal complications (6 deaths), and sudden infant death syndrome (5 deaths). Together these causes represent 70.7 percent of all infant deaths.

Reports of fetal deaths and abortions are not exchanged among states. Therefore, statistics concerning these events reflect only occurrences within Vermont, and the rates in these tables may not reflect the true experience of Vermont residents.

There were 39 resident fetal deaths in 1989 for a rate of 4.6 per 1000 live births and fetal deaths. This is a decrease from the 1988 rate of 5.4 and from the 1987 rate of 5.0.

The most important risk factor in fetal and infant mortality is birth weight. Of resident infants who died in 1989 60.7 percent had a birth weight of under 2500 grams, the accepted definition of low birth weight, while only 5.4 percent of resident births were low birth weight. Of fetal deaths 71.8 percent were under 2500 grams. All fetal and infant mortality rates decline sharply with increasing birth weight.

Another risk factor is age of mother. Age-specfic mortality rates have been combined for the years 1987 to 1989 to produce a more stable rate. Mothers ages 15 to 19 had the highest fetal, perinatal and infant death rates; mothers ages 25 to 29, the lowest neonatal and infant death rates; mothers ages 30 to 34, the lowest fetal and perinatal death rates; mothers ages 15 to 19, and mothers ages 35 to 39 had the highest neonatal death rates. .

There were 3297 abortions performed in Vermont in 1989 compared to 3309 in 1988. Seventy percent were performed on Vermont residents. Residents of New York and New Hampshire account for most of the remainder.

Women aged 20 to 24 had the largest proportion of abortions (33.2%), followed by women ages 15 to 19 (24.4%), women aged 30 and over (22.2%) and women aged 25 to 29 (19.3%). Ninety-five percent of all Vermont abortions occurred during the first trimester. Fifty-seven percent of all Vermont abortions were for pregnancies of eight weeks or less duration.

Pregnancy data is derived by adding live births, fetal deaths and abortions. Because of non-reporting of out-of-state abortions and fetal deaths, as well as non-reporting of fetal deaths prior to 20 weeks of gestation, these rates represent slight underestimates. The extent of these underestimations may differ among counties, since residents of some counties may be more likely to use out-of-state abortion services.

The pregnancy rate in Vermont increased slightly in 1989, after several years of decline. The 1989 rate was 75.8 pregnancies per 1000 women of ages 15 to 44, compared to 75.5 in 1988 and 84.0 in 1980. The 1989 teen pregnancy rate was 58.4 pregnancies per 1000 women of age 15 to 19, a decrease from the 1988 rate of 61.2 and lower than the 1980 rate of 68.0.

When comparing the number of live births to the number of induced abortions, the age of the woman and her marital status emerge as major predictors of pregnancy outcome. For example, 78.5 percent of all pregnancies culminate in a live birth compared to 58.4 percent of teen pregnancies and 85.7 percent of pregnancies in women of ages 30 to 34, the highest live birth percentage. Pregnancies to married women were more likely to culminate in a live birth; 93 percent as compared to 50.9 percent for unmarried women. This is consistent across all age groups.

TABLE 46
1989 VERMONT RESIDENT FETAL DEATHS

AGE OF MOTHER BY COUNTY OF RESIDENCE

AGE OF MOTHER

COUNTY OF RESIDENCE	<20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	TOTAL
ADDISON	0	3	0	0	0	0	3
BENNINGTON	0	1	1	0	0	0	2
CHITTENDEN	2	0	4	2	1	0	9
FRANKLIN & GRAND ISLE	1	3	2	0	0	0	6
LAMOILLE	0	0	0	0	0	0	0
NORTHEAST KINGDOM*	1	2	2	0	1	0	6
ORANGE	0	0	1	0	0	0	1
RUTLAND	0	2	1	1	1	0	5
WASHINGTON	1	1	0	0	0	0	2
WINDHAM	0	0	0	0	0	1	1
WINDSOR	0	3	1	0	0	0	4
TOTAL	5	15	12	3	3	1	39

TABLE 47
1989 VERMONT RESIDENT PERINATAL DEATHS

AGE OF MOTHER BY COUNTY OF RESIDENCE

AGE OF MOTHER

COUNTY OF RESIDENCE	<20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	UNKNOWN	TOTAL
ADDISON	0	3	0	0	1	0	0	4
BENNINGTON	0	2	2	1	0	0	0	5
CHITTENDEN	4	2	7	2	2	1	0	18
FRANKLIN & GRAND ISLE	2	6	2	0	0	0	0	10
LAMOILLE	0	0	0	0	0	0	0	0
NORTHEAST KINGDOM*	1	3	4	0	2	0	0	10
ORANGE	1	0	2	0	0	0	0	3
RUTLAND	1	2	2	2	1	0	0	8
WASHINGTON	1	1	0	1	1	0	0	4
WINDHAM	0	0	1	0	0	1	0	2
WINDSOR	0	4	2	1	0	0	0	7
TOTAL	10	23	22	7	7	2	0	71

* THE NORTHEAST KINGDOM INCLUDES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

TABLE 48
1989 VERMONT RESIDENT NEONATAL DEATHS

AGE OF MOTHER BY COUNTY OF RESIDENCE

AGE OF MOTHER

COUNTY OF RESIDENCE	<20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	UNKNOWN	TOTAL
ADDISON	0	1	0	0	1	0	0	2
BENNINGTON	0	1	1	1	1	0	0	4
CHITTENDEN	2	2	3	0	2	1	0	10
FRANKLIN & GRAND ISLE	1	3	0	0	0	0	0	4
LAMOILLE	0	1	0	0	0	0	0	1
NORTHEAST KINGDOM*	0	1	2	0	2	1	0	6
ORANGE	1	0	1	0	0	0	0	2
RUTLAND	1	0	1	2	0	0	0	4
WASHINGTON	0	0	0	1	1	0	0	2
WINDHAM	0	0	1	0	0	0	0	1
WINDSOR	1	1	1	1	0	0	0	4
TOTAL	6	10	10	5	7	2	0	40

TABLE 49
1989 VERMONT RESIDENT INFANT DEATHS

AGE OF MOTHER BY COUNTY OF RESIDENCE

AGE OF MOTHER

COUNTY OF RESIDENCE	<20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	UNKNOWN	TOTAL
ADDISON	1	3	1	0	1	0	0	6
BENNINGTON	0	1	1	2	1	0	0	5
CHITTENDEN	2	4	4	2	3	1	0	16
FRANKLIN & GRAND ISLE	2	3	1	0	0	0	0	6
LAMOILLE	0	1	0	0	0	0	0	1
NORTHEAST KINGDOM*	0	1	3	0	2	1	0	7
ORANGE	1	0	1	0	0	0	0	2
RUTLAND	1	0	1	3	0	0	0	5
WASHINGTON	1	0	0	1	1	0	0	3
WINDHAM	0	1	1	0	0	0	0	2
WINDSOR	1	1	1	1	1	0	0	5
TOTAL	9	15	14	9	9	2	0	58

* THE NORTHEAST KINGDOM INCLUDES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

TABLE 50

1987-1989 VERMONT RESIDENT FETAL, PERINATAL, NEONATAL AND INFANT DEATH RATES BY AGE OF MOTHER

AGE OF MOTHER	FETAL DEATHS	PERINATAL DEATHS	NEONATAL DEATHS	INFANT DEATHS
15-19 YEARS	7.1	13.3	7.2	10.5
20-24 YEARS	5.7	9.1	4.2	7.7
25-29 YEARS	4.7	7.6	3.6	5.8
30-34 YEARS	3.9	7.2	4.2	6.2
35-39 YEARS	5.4	11.2	7.3	9.8
1987-1989 TOTAL	5.0	8.7	4.6	7.2
1987 TOTAL	5.0	9.3	5.2	8.4
1988 TOTAL	5.4	8.6	3.9	6.5
1989 TOTAL	4.6	8.3	4.7	6.8

NOTES:

FETAL AND PERINATAL DEATH RATES ARE THE NUMBER OF RESIDENT FETAL DEATHS AND PERINATAL DEATHS PER 1,000 RESIDENT LIVE BIRTHS AND FETAL DEATHS.

NEONATAL AND INFANT DEATH RATES ARE THE NUMBER OF RESIDENT NEONATAL AND INFANT DEATH RATES PER 1,000 RESIDENT LIVE BIRTHS.

DATA FOR THE YEARS 1987-1989 HAVE BEEN COMBINED TO PRODUCE MORE STABLE RATES.

TABLE 51

1989 VERMONT RESIDENT
FETAL, PERINATAL, NEONATAL AND INFANT DEATHS
BY WEEKS OF GESTATION*

NUMBER OF EVENTS

WEEKS OF GESTATION	FETAL DEATHS	PERINATAL DEATHS	NEONATAL DEATHS	INFANT DEATHS
UNDER 28 WEEKS	21	43	22	24
28-31 WEEKS	3	6	5	5
32-35 WEEKS	3	4	3	3
36 WEEKS	0	0	0	3
37-39 WEEKS	7	9	5	12
40 WEEKS	3	4	1	4
41 WEEKS	1	1	1	3
42+ WEEKS	0	0	0	1
UNKNOWN	1	4	3	3
TOTAL	39	71	40	58

*SEE APPENDIX B FOR DATA QUALITY NOTES

TABLE 52

1989 VERMONT RESIDENT
FETAL, PERINATAL, NEONATAL AND INFANT DEATHS
BY BIRTH WEIGHT IN GRAMS

NUMBER OF EVENTS

BIRTH WEIGHT	FETAL DEATHS	PERINATAL DEATHS	NEONATAL DEATHS	INFANT DEATHS
UNDER 500	15	28	13	13
500-999	7	14	8	9
1000-1499	0	4	5	6
1500-1999	4	5	1	1
2000-2499	2	3	3	5
2500-2999	5	7	2	4
3000-3499	3	3	3	10
3500-3999	0	2	3	8
4000+	0	0	0	0
UNKNOWN	3	5	2	2
TOTAL	39	71	40	58

TABLE 53
1989 VERMONT RESIDENT FETAL DEATHS

BIRTH WEIGHT IN GRAMS BY CAUSE OF DEATH

INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	BIRTH WEIGHT IN GRAMS < 500	500-999	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000+	UNKNOWN	TOTAL
740 ANENCEPHALUS	0	0	0	1	0	0	0	0	0	0	1
758 CHROMOSOMAL ANOMALIES	0	1	0	0	0	0	0	0	0	0	1
759 OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	1	0	0	0	0	0	0	0	0	1	2
760 MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	0	0	0	1	0	1	0	0	0	0	2
761 MATERNAL COMPLICATIONS OF PREGNANCY	5	1	0	0	0	0	0	0	0	0	6
762 COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	6	3	0	1	0	2	2	0	0	2	16
763 OTHER COMPLICATIONS OF LABOR AND DELIVERY	0	0	0	1	0	0	0	0	0	0	1
765 SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	0	0	0	0	0	0	0	0	0	1
779 OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2	2	0	0	2	2	1	0	0	0	9
TOTAL	15	7	0	4	2	5	3	0	0	3	39

TABLE 54
1989 VERMONT RESIDENT INFANT DEATHS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH: DAYS <1	1	2	3	4	5	6	7-13	14-27	28D-2M	MONTHS 3-5	6-11	TOTAL
53.9 HERPES ZOSTER WITHOUT MENTION OF COMPLICATION	M	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
79.9 VIRAL INFECTION, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	1	2	3
	F	0	0	0	0	0	0	0	0	0	0	1	0	1
279.1 DEFICIENCY OF CELL-MEDIATED IMMUNITY	M	0	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
578.9 HEMORRHAGE OF GASTROINTESTINAL TRACT, UNSPECIFIED	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	1
745.0 COMMON TRUNCUS	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	1	0	0	0	1
745.4 VENTRICULAR SEPTAL DEFECT	M	0	0	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	0	0	1	1
746.9 UNSPECIFIED ANOMALIES OF HEART	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	1	0	0	0	2
747.9 UNSPECIFIED ANOMALIES OF CIRCULATORY SYSTEM	M	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
748.5 AGENESIS, HYPOPLASIA AND DYSPLASIA OF LUNG	M	1	0	0	0	0	0	0	1	0	0	0	0	2
	F	1	0	0	0	0	0	0	0	0	0	0	0	1
748.6 OTHER ANOMALIES OF LUNG	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	1	0	1
758.5 OTHER CONDITIONS DUE TO AUTOSOMAL ANOMALIES	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	1	0	0	0	0	0	0	0	0	0	0	1
759.7 MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
759.8 OTHER SPECIFIED CONGENITAL ANOMALIES	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	1
760.0 FETUS OR NEWBORN AFFECTED BY MATERNAL HYPERTENSIVE DISORDERS	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	1
761.0 NEWBORN AFFECTED BY INCOMPETENT CERVIX OF MOTHER	M	2	0	0	0	0	0	0	0	0	0	0	0	2
	F	2	0	0	0	0	0	0	0	0	0	0	0	2
761.1 FETUS OR NEWBORN AFFECTED BY PREMATURE RUPTURE OF MEMBRANES	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	1

TABLE 54
1989 VERMONT RESIDENT INFANT DEATHS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	AGE AT DEATH DAYS									MONTHS			
		<1	1	2	3	4	5	6	7-13	14-27	28D-2M	3-5	6-11	TOTAL
761.3 FETUS OR NEWBORN AFFECTED BY POLYHYDRAMNIOS	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
762.1 NEWBORN AFFECTED BY OTHER FORMS OF PLACENTAL SEPARATION & HEMORRHAGE	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
762.3 FETUS OR NEWBORN AFFECTED BY PLACENTAL TRANSFUSION SYNDROMES	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
762.7 FETUS OR NEWBORN AFFECTED BY CHORIOMNIONITIS	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	1
765.0 EXTREME IMMATURITY	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	1
765.1 OTHER PRETERM INFANTS	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	1	0	0	0	0	0	0	0	0	0	0	0	1
768.4 FETAL DISTRESS, UNSPECIFIED, IN LIVEBORN INFANT	M	0	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
768.9 UNSPECIFIED BIRTH ASPHYXIA IN LIVEBORN INFANT	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	1	0	0	1
769.0 RESPIRATORY DISTRESS SYNDROME	M	1	1	0	1	0	0	0	1	1	0	0	0	5
	F	1	0	0	0	0	0	0	0	0	0	0	0	1
770.1 MASSIVE ASPIRATION SYNDROME	M	0	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
770.2 INTERSTITIAL EMPHYSEMA AND RELATED CONDITIONS IN FETUS AND NEWBORN	M	0	0	0	0	1	1	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
770.7 CHRONIC RESPIRATORY DISEASE ARISING IN THE PERINATAL PERIOD	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	1	1
770.8 OTHER RESPIRATORY PROBLEMS AFTER BIRTH	M	2	0	0	0	0	0	0	0	0	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
771.8 OTHER INFECTION SPECIFIC TO THE PERINATAL PERIOD	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	1
778.0 HYDROPS FETALIS NOT DUE TO ISOIMMUNIZATION	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0	0	0	0	1
779.8 OTHER ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	M	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	1	0	0	0	0	0	0	0	2

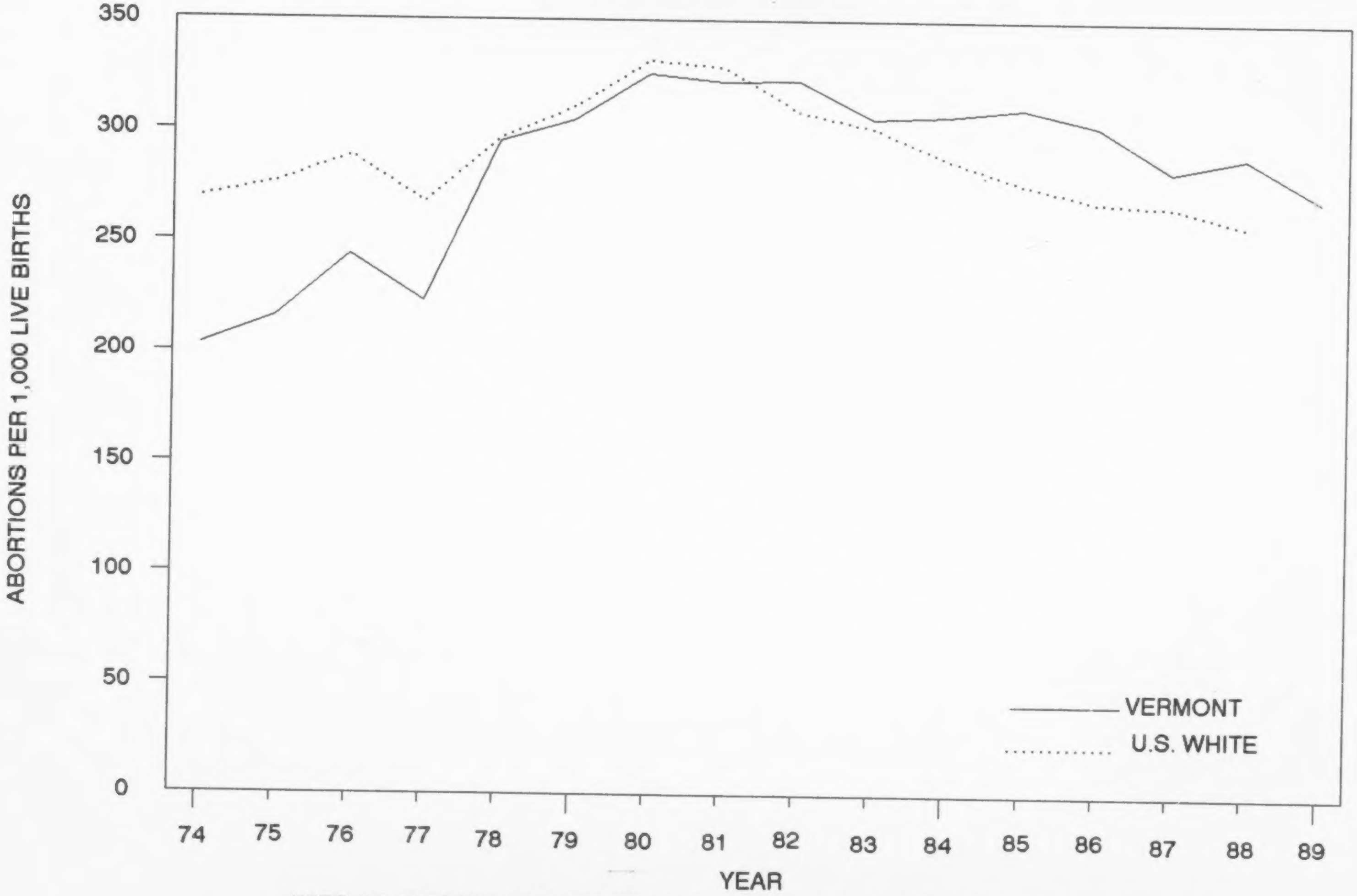
TABLE 54
1989 VERMONT RESIDENT INFANT DEATHS

CAUSE OF DEATH BY AGE AT DEATH AND SEX

		AGE AT DEATH												
		DAYS									MONTHS			
INTERNATIONAL CLASSIFICATION OF DISEASE CODE (9TH REVISION)	SEX	<1	1	2	3	4	5	6	7-13	14-27	28D-2M	3-5	6-11	TOTAL
798.0 SUDDEN INFANT DEATH SYNDROME	M	0	0	0	0	0	0	0	0	0	0	3	1	4
	F	0	0	0	0	0	0	0	0	0	1	0	0	1
799.1 RESPIRATORY FAILURE	M	0	0	1	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
E910.8 OTHER ACCIDENTAL DROWNING	M	1	0	0	0	0	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	M	12	1	1	1	1	1	0	4	2	1	5	4	33
	F	13	1	0	0	1	0	0	0	2	2	3	3	25
	TOTAL	25	2	1	1	2	1	0	4	4	3	8	7	58

Figure 9

VERMONT AND U.S. WHITE ABORTION RATIOS
1974 - 1989



NOTE: U.S. DATA FOR 1989 UNAVAILABLE. DATUM FOR 1988 IS UNPUBLISHED FIGURE FROM THE DIVISION OF REPRODUCTIVE HEALTH, CENTERS FOR DISEASE CONTROL, ATLANTA, GA. U.S. WHITE ABORTION RATIOS ARE BASED ON REPORTING STATES.

TABLE 55
1989 VERMONT ABORTIONS

AGE OF PATIENT BY STATE OF RESIDENCE
AGE OF PATIENT

STATE	<15 YEARS	15 YEARS	16 YEARS	17 YEARS	18 YEARS	19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	UNKNOWN	TOTAL
CALIFORNIA	0	0	0	0	0	0	2	0	0	0	0	0	2
CONNECTICUT	0	0	0	1	1	0	2	2	0	2	0	0	8
FLORIDA	0	0	0	0	0	1	0	0	0	0	0	0	1
ILLINOIS	0	0	0	0	0	0	0	2	0	0	0	0	2
IOWA	0	0	0	0	0	0	0	0	0	1	0	0	1
MAINE	0	0	0	0	1	1	2	1	0	1	1	0	7
MARYLAND	0	0	0	0	0	1	0	0	0	0	0	0	1
MASSACHUSETTS	0	2	4	5	2	4	14	8	3	1	0	0	43
MISSOURI	0	0	0	0	0	1	0	0	0	0	0	0	1
NEW HAMPSHIRE	4	5	15	25	26	28	98	42	36	20	8	0	307
NEW JERSEY	0	0	0	0	0	0	1	0	1	0	0	0	2
NEW MEXICO	0	0	0	0	0	0	0	0	0	1	0	0	1
NEW YORK	5	9	21	37	63	59	227	108	47	32	9	1	618
OHIO	0	0	0	0	0	0	2	0	0	0	0	0	2
PENNSYLVANIA	0	0	0	0	0	1	0	0	0	0	0	0	1
RHODE ISLAND	0	0	0	0	0	0	0	0	1	0	0	0	1
SOUTH CAROLINA	0	0	0	0	0	1	0	0	0	0	0	0	1
TENNESSEE	0	0	0	0	1	0	0	0	0	0	0	0	1
VERMONT	18	29	64	89	140	166	745	473	327	185	54	2	2292
VIRGINIA	0	0	0	0	0	0	1	0	0	1	0	0	2
WASHINGTON	0	0	0	0	0	0	1	0	0	0	0	0	1
CANADA	0	0	0	0	0	0	0	0	1	0	0	0	1
OTHER	0	0	0	0	0	0	1	0	0	0	0	0	1
TOTAL	27	45	104	157	234	263	1096	636	416	244	72	3	3297

TABLE 56
1989 VERMONT ABORTIONS

RACE OF PATIENT BY STATE OF RESIDENCE

STATE	WHITE	BLACK	OTHER	UNKNOWN	TOTAL
	RACE				
CALIFORNIA	2	0	0	0	2
CONNECTICUT	8	0	0	0	8
FLORIDA	1	0	0	0	1
ILLINOIS	2	0	0	0	2
IOWA	1	0	0	0	1
MAINE	7	0	0	0	7
MARYLAND	1	0	0	0	1
MASSACHUSETTS	43	0	0	0	43
MISSOURI	1	0	0	0	1
NEW HAMPSHIRE	301	1	3	2	307
NEW JERSEY	2	0	0	0	2
NEW MEXICO	1	0	0	0	1
NEW YORK	600	6	9	3	618
OHIO	2	0	0	0	2
PENNSYLVANIA	1	0	0	0	1
RHODE ISLAND	1	0	0	0	1
SOUTH CAROLINA	1	0	0	0	1
TENNESSEE	1	0	0	0	1
VERMONT	2251	12	21	8	2292
VIRGINIA	2	0	0	0	2
WASHINGTON	1	0	0	0	1
CANADA	1	0	0	0	1
OTHER	1	0	0	0	1
TOTAL	3232	19	33	13	3297

TABLE 57
1989 VERMONT ABORTIONS

AGE OF PATIENT BY COUNTY OF RESIDENCE

	AGE OF PATIENT											
COUNTY OF RESIDENCE	<15 YEARS	15 YEARS	16 YEARS	17 YEARS	18 YEARS	19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40+ YEARS	UNKNOWN	TOTAL
ADDISON	2	4	4	5	8	9	41	16	14	7	6	0	116
BENNINGTON	1	0	9	2	6	13	23	25	13	8	2	0	102
CALEDONIA	0	2	3	2	10	8	20	22	14	6	3	0	90
CHITTENDEN	4	8	16	28	42	60	289	162	97	55	19	1	781
ESSEX	1	0	2	2	1	0	4	1	1	0	1	0	13
FRANKLIN	1	0	6	9	7	10	45	15	11	11	3	0	118
GRAND ISLE	0	0	0	0	0	0	3	5	3	1	1	0	13
LAMOILLE	1	1	3	2	7	6	31	27	19	7	0	0	104
ORANGE	0	1	1	3	6	1	17	5	14	6	2	0	56
ORLEANS	0	0	1	6	3	4	6	12	8	8	1	0	49
RUTLAND	1	4	5	5	13	22	88	64	30	18	3	0	253
WASHINGTON	3	4	4	9	10	12	71	44	41	22	8	1	229
WINDHAM	0	4	6	10	15	14	54	40	41	19	3	0	206
WINDSOR	4	1	4	6	12	7	53	35	21	17	2	0	162
OUT OF STATE	9	16	40	68	94	97	351	163	89	59	18	1	1005
TOTAL	27	45	104	157	234	263	1096	636	416	244	72	3	3297

TABLE 58
1989 VERMONT ABORTIONS

COUNTY OF RESIDENCE BY COUNTY OF ABORTION

	PATIENT'S COUNTY OF RESIDENCE														
COUNTY OF ABORTION	ADDIS	BENN	CALED	CHITT	ESSEX	FRANK	GR I	LAMOI	ORANG	ORLEA	RUTL	WASH	WINDH	WINDS	OOS	TOTAL
ADDISON	2	0	0	1	0	0	0	0	0	0	1	0	0	0	2	6
CALEDONIA	0	0	61	1	9	1	0	7	2	23	0	6	0	2	52	164
CHITTENDEN	92	3	10	756	1	114	13	78	11	9	14	80	7	12	436	1636
ORLEANS	0	0	0	0	1	0	0	0	0	10	0	0	0	0	0	11
RUTLAND	19	92	0	17	0	2	0	1	11	1	229	8	56	70	299	805
WASHINGTON	0	0	19	4	2	1	0	18	31	5	0	135	0	11	29	255
WINDHAM	0	1	0	1	0	0	0	0	0	0	0	0	44	0	40	86
WINDSOR	3	6	0	1	0	0	0	0	1	1	9	0	99	67	147	334
TOTAL	116	102	90	781	13	118	13	104	56	49	253	229	206	162	1005	3297

TABLE 59
1989 VERMONT ABORTIONS

WEEKS OF GESTATION BY AGE OF PATIENT

WEEKS OF GESTATION*

AGE OF PATIENT	<9	9	10	11	12	13	14	15	16	17-25	UNKNOWN	TOTAL
< 15	13	4	7	1	1	1	0	0	0	0	0	27
15	18	9	8	6	1	2	0	0	0	1	0	45
16	44	18	19	11	3	3	5	0	0	1	0	104
17	69	29	24	19	4	6	4	2	0	0	0	157
18	111	49	33	15	11	4	6	3	2	0	0	234
19	146	46	29	18	9	7	6	2	0	0	0	263
20-24	579	185	142	80	49	19	20	11	3	8	0	1096
25-29	403	86	61	47	15	14	4	1	1	4	0	636
30-34	286	54	31	22	10	3	5	1	0	3	1	416
35-39	168	29	23	9	4	2	1	1	1	6	0	244
40 +	51	11	7	3	0	0	0	0	0	0	0	72
UNKNOWN	1	1	0	1	0	0	0	0	0	0	0	3
TOTAL	1889	521	384	232	107	61	51	21	7	23	1	3297

TABLE 60
1989 VERMONT ABORTIONS

WEEKS OF GESTATION BY ABORTION PROCEDURE

WEEKS OF GESTATION*

ABORTION PROCEDURE	<9	9	10	11	12	13	14	15	16	17-25	UNKNOWN	TOTAL
SUCTION CURETTAGE	738	442	363	225	107	59	49	20	2	3	0	2008
SHARP CURETTAGE	0	0	0	0	0	1	0	0	0	1	0	2
EARLY UTERINE EVACUATION	1150	78	21	6	0	1	0	0	1	0	1	1258
OTHER	1	1	0	1	0	0	2	1	4	19	0	29
TOTAL	1889	521	384	232	107	61	51	21	7	23	1	3297

* SEE APPENDIX E FOR DATA QUALITY NOTES

TABLE 61
1989 VERMONT ABORTIONS

TYPE OF FACILITY BY ABORTION PROCEDURE
TYPE OF FACILITY

ABORTION PROCEDURE	HOSPITAL	CLINIC	DOCTOR'S OFFICE	TOTAL
SUCTION CURETTAGE	11	1624	373	2008
SHARP CURETTAGE	1	1	0	2
EARLY UTERINE EVACUATION	2	1073	183	1258
OTHER	24	2	3	29
TOTAL	38	2700	559	3297

TABLE 62
1989 VERMONT ABORTIONS

WEEKS OF GESTATION BY TYPE OF FACILITY

WEEKS OF GESTATION*

TYPE OF FACILITY	<9	9	10	11	12	13	14	15	16	17-25	UNKNOWN	TOTAL
HOSPITAL	7	2	1	2	0	1	1	1	3	19	1	38
CLINIC	1600	436	306	190	75	42	33	13	2	3	0	2700
DOCTOR'S OFFICE	282	83	77	40	32	18	17	7	2	1	0	559
TOTAL	1889	521	384	232	107	61	51	21	7	23	1	3297

*SEE APPENDIX E FOR DATA QUALITY NOTES

TABLE 63
1989 VERMONT ABORTIONS

MONTH OF PROCEDURE BY TYPE OF FACILITY

MONTH OF PROCEDURE

TYPE OF FACILITY	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
HOSPITAL	2	3	5	0	5	1	2	4	5	4	5	2	38
CLINIC	266	218	232	236	228	248	191	239	200	209	220	213	2700
DOCTOR'S OFFICE	61	49	55	40	53	54	37	60	28	46	35	41	559
TOTAL	329	270	292	276	286	303	230	303	233	259	260	256	3297

TABLE 64
1989 VERMONT ABORTIONS

PATIENT'S MARITAL STATUS BY NUMBER OF LIVING CHILDREN

	MARITAL STATUS													
	NUMBER OF EVENTS							ROW PERCENTS						
CHILDREN	SINGLE	MARRIED	WIDOWD	DIVORCED	SEP	UNKNOWN	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	SEP	UNKNOWN	TOTAL
NONE	1626	95	0	50	23	213	2007	81.0	4.7	0.0	2.5	1.1	10.6	100.0
ONE	226	138	2	112	48	66	592	38.2	23.3	0.3	18.9	8.1	11.1	100.0
TWO	82	193	4	101	56	51	487	16.8	39.6	0.8	20.7	11.5	10.5	100.0
THREE	18	68	1	26	18	15	146	12.3	46.6	0.7	17.8	12.3	10.3	100.0
FOUR	3	18	2	13	4	4	44	6.8	40.9	4.5	29.5	9.1	9.1	100.0
FIVE +	1	4	1	4	0	2	12	8.3	33.3	8.3	33.3	0.0	16.7	100.0
UNKNOWN	6	2	0	0	0	1	9	66.7	22.2	0.0	0.0	0.0	11.1	100.0
TOTAL	1962	518	10	306	149	352	3297	59.5	15.7	0.3	9.3	4.5	10.7	100.0

TABLE 65
1989 VERMONT ABORTIONS

PATIENT'S EDUCATION BY COUNTY OF RESIDENCE

	EDUCATION										
COUNTY OF RESIDENCE	<9 YEARS	9 YEARS	10 YEARS	11 YEARS	H.S. GRAD	1 YEAR COLLEGE	2 YEARS COLLEGE	3 YEARS COLLEGE	COLLEGE GRAD +	UNKNOWN	TOTAL
ADDISON	2	4	4	8	47	9	15	3	20	4	116
BENNINGTON	1	3	8	7	46	11	7	3	15	1	102
CALEDONIA	2	0	6	5	41	11	5	3	10	7	90
CHITTENDEN	11	11	28	54	251	86	115	73	143	9	781
ESSEX	1	0	1	4	4	0	0	0	1	2	13
FRANKLIN	2	1	11	13	56	12	9	3	8	3	118
GRAND ISLE	1	1	1	1	4	1	1	0	2	1	13
LAMOILLE	1	3	6	5	27	10	13	8	27	4	104
ORANGE	1	3	7	5	15	3	5	5	12	0	56
ORLEANS	1	1	0	8	23	4	3	1	4	4	49
RUTLAND	2	8	11	15	115	29	26	10	26	11	253
WASHINGTON	5	5	5	17	84	32	24	11	42	4	229
WINDHAM	1	5	9	16	121	5	13	2	31	3	206
WINDSOR	3	4	5	9	105	3	5	7	20	1	162
OUT OF STATE	12	30	64	64	406	97	100	64	141	27	1005
TOTAL	46	79	166	231	1345	313	341	193	502	81	3297

TABLE 66
1989 VERMONT RESIDENT PREGNANCIES*

AGE OF WOMAN BY COUNTY OF RESIDENCE
AGE-SPECIFIC PREGNANCY RATES

	PREGNANCY RATES AGE OF MOTHER					
COUNTY	15-19	20-24	25-29	30-34	35-44	15-44 TOTAL
ADDISON	47.9	109.5	130.5	109.9	29.5	76.8
BENNINGTON	71.8	101.9	128.5	84.7	20.9	73.2
CHITTENDEN	47.5	91.5	123.5	97.6	28.4	74.0
FRANKLIN & GRAND ISLE	69.6	180.5	144.6	83.0	22.0	88.2
LAMOILLE	79.8	153.6	142.0	108.4	21.0	88.2
NORTHEAST KINGDOM#	71.9	182.1	112.5	63.1	18.3	75.2
ORANGE	53.2	174.0	116.1	76.7	19.9	74.7
RUTLAND	50.3	140.1	125.4	91.0	18.8	75.8
WASHINGTON	59.6	112.2	115.2	97.4	26.6	74.1
WINDHAM	79.5	143.1	115.6	84.9	23.0	76.3
WINDSOR	57.3	123.6	113.9	78.1	25.4	70.2
STATE TOTAL	58.4	123.6	123.0	88.8	23.9	75.8

#THE NORTHEAST KINGDOM INCLUDES THE COUNTIES OF CALEDONIA, ESSEX AND ORLEANS

* INCLUDES ALL VERMONT RESIDENT LIVE BIRTHS; AND FETAL DEATHS AND INDUCED ABORTIONS OCCURRING IN VERMONT TO VERMONT RESIDENTS

TABLE 67
1989 VERMONT RESIDENT PREGNANCIES*
NUMBER OF EVENTS AND LIVE BIRTH
AND ABORTION CELL PERCENTS

AGE OF WOMAN BY COUNTY OF RESIDENCE

AGE OF WOMAN

COUNTY OF RESIDENCE	<18 YEARS	18-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 + YEARS	UNKNOWN	TOTAL
ADDISON	26	46	176	170	144	63	14	0	639
% LIVE BIRTHS	42.3	63.0	75.0	90.6	90.3	88.9	57.1	0.0	81.4
% INDUCED ABORTIONS	57.7	37.0	23.3	9.4	9.7	11.1	42.9	0.0	18.2
BENNINGTON	27	64	154	196	129	49	8	0	627
% LIVE BIRTHS	55.6	70.3	84.4	86.7	89.9	83.7	75.0	0.0	83.4
% INDUCED ABORTIONS	44.4	29.7	14.9	12.8	10.1	16.3	25.0	0.0	16.3
CHITTENDEN	99	197	722	885	660	261	47	1	2872
% LIVE BIRTHS	42.4	47.7	60.0	81.2	85.0	78.5	59.6	0.0	72.5
% INDUCED ABORTIONS	56.6	51.8	40.0	18.3	14.7	21.1	40.4	100.0	27.2
FRANKLIN/GRAND ISLE	39	75	297	293	163	59	16	0	942
% LIVE BIRTHS	56.4	77.3	82.8	92.5	91.4	79.7	75.0	0.0	85.5
% INDUCED ABORTIONS	41.0	22.7	16.2	6.8	8.6	20.3	25.0	0.0	13.9
LAMOILLE	16	41	116	123	101	28	6	0	431
% LIVE BIRTHS	56.3	68.3	73.3	78.0	81.2	75.0	100.0	0.0	75.9
% INDUCED ABORTIONS	43.8	31.7	26.7	22.0	18.8	25.0	0.0	0.0	24.1
NORTHEAST KINGDOM #	51	99	349	268	163	69	14	2	1015
% LIVE BIRTHS	60.8	73.7	90.8	86.2	85.9	78.3	64.3	100.0	84.4
% INDUCED ABORTIONS	37.3	26.3	8.6	13.1	14.1	20.3	35.7	0.0	15.0
ORANGE	14	27	131	133	87	33	6	0	431
% LIVE BIRTHS	64.3	74.1	87.0	95.5	83.9	81.8	66.7	0.0	86.8
% INDUCED ABORTIONS	35.7	25.9	13.0	3.8	16.1	18.2	33.3	0.0	13.0
RUTLAND	34	84	339	350	253	82	9	2	1153
% LIVE BIRTHS	55.9	58.3	73.5	81.4	87.7	76.8	66.7	100.0	77.6
% INDUCED ABORTIONS	44.1	41.7	26.0	18.3	11.9	22.0	33.3	0.0	21.9
WASHINGTON	38	75	242	289	244	102	19	2	1011
% LIVE BIRTHS	47.4	69.3	70.2	84.8	83.2	78.4	57.9	50.0	77.2
% INDUCED ABORTIONS	52.6	29.3	29.3	15.2	16.8	21.6	42.1	50.0	22.7
WINDHAM	29	68	208	219	163	75	8	4	774
% LIVE BIRTHS	31.0	57.4	74.0	81.7	74.8	74.7	50.0	100.0	73.3
% INDUCED ABORTIONS	69.0	42.6	26.0	18.3	25.2	25.3	37.5	0.0	26.6
WINDSOR	38	55	228	288	197	102	16	2	926
% LIVE BIRTHS	60.5	65.5	75.4	87.5	89.3	83.3	87.5	100.0	82.1
% INDUCED ABORTIONS	39.5	34.5	23.2	12.2	10.7	16.7	12.5	0.0	17.5
TOTAL	411	831	2962	3214	2304	923	163	13	10821
% LIVE BIRTHS	50.6	62.9	74.3	84.9	85.7	79.6	66.3	84.6	78.5
% INDUCED ABORTIONS	48.7	36.8	25.2	14.7	14.2	20.0	33.1	15.4	21.2

* INCLUDES ALL VERMONT RESIDENT LIVE BIRTHS; AND FETAL DEATHS AND INDUCED ABORTIONS OCCURRING IN VERMONT TO VERMONT RESIDENTS
# NORTHEAST KINGDOM COUNTIES INCLUDE CALEDONIA, ESSEX, AND ORLEANS

TABLE 68
1989 VERMONT RESIDENT PREGNANCIES*
NUMBER OF EVENTS AND LIVE BIRTH
AND ABORTION CELL PERCENTS

AGE OF WOMAN BY EDUCATION

AGE OF WOMAN

EDUCATION	<18 YEARS	18-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 + YEARS	UNKNOWN	TOTAL
< HIGH SCHOOL	363	288	456	209	66	20	4	1	1407
% LIVE BIRTHS	51.2	83.3	84.4	78.9	75.8	85.0	50.0	100.0	74.3
% INDUCED ABORTIONS	47.9	16.3	14.9	20.1	24.2	15.0	50.0	0.0	25.0
H.S GRADUATE	37	421	1612	1435	686	233	43	1	4468
% LIVE BIRTHS	51.4	61.0	81.2	84.7	78.7	66.1	55.8	100.0	78.8
% INDUCED ABORTIONS	48.6	38.7	18.5	15.0	21.3	33.9	44.2	0.0	21.0
SOME COLLEGE	1	107	674	804	580	207	23	3	2399
% LIVE BIRTHS	0.0	15.9	59.2	86.3	87.4	82.6	60.9	66.7	75.2
% INDUCED ABORTIONS	100.0	84.1	40.1	13.4	12.2	17.4	39.1	33.3	24.4
COLLEGE GRAD. +	0	2	178	719	954	448	88	5	2394
% LIVE BIRTHS	0.0	50.0	47.2	86.6	90.5	86.2	73.9	80.0	84.6
% INDUCED ABORTIONS	0.0	50.0	52.2	13.1	9.4	13.4	25.0	20.0	15.1
UNKNOWN	10	13	42	47	18	15	5	3	153
% LIVE BIRTHS	30.0	61.5	59.5	66.0	77.8	46.7	60.0	100.0	61.4
% INDUCED ABORTIONS	70.0	38.5	35.7	29.8	22.2	46.7	40.0	0.0	35.3
TOTAL	411	831	2962	3214	2304	923	163	13	10821
% LIVE BIRTHS	50.6	62.9	74.3	84.9	85.7	79.6	66.3	84.6	78.5
% INDUCED ABORTIONS	48.7	36.8	25.2	14.7	14.2	20.0	33.1	15.4	21.2

TABLE 69
1989 VERMONT RESIDENT PREGNANCIES*
NUMBER OF EVENTS AND LIVE BIRTH
AND ABORTION CELL PERCENTS

AGE OF WOMAN BY MARITAL STATUS

AGE OF WOMAN

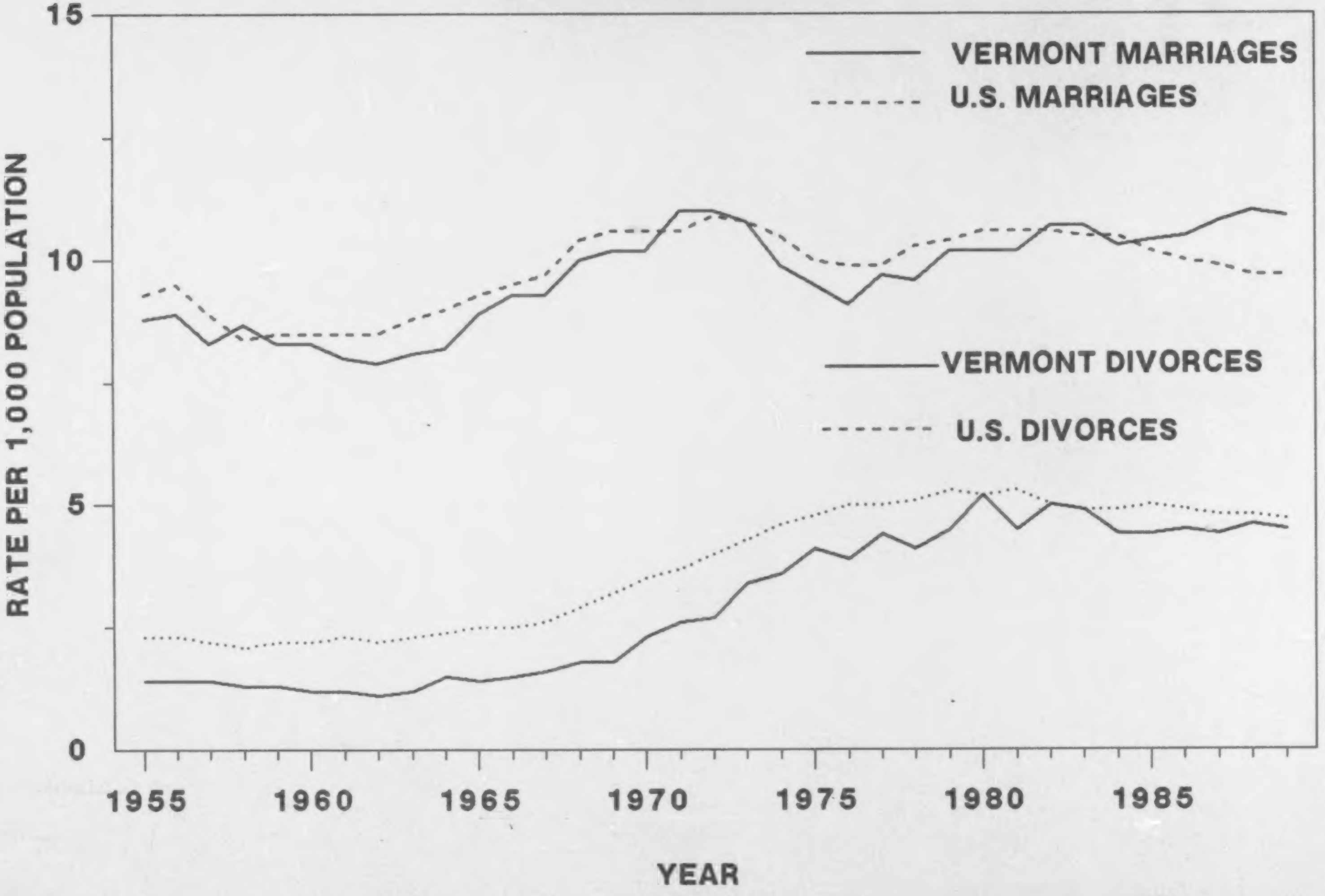
MARITAL STATUS	<18 YEARS	18-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 + YEARS	UNKNOWN	TOTAL
MARRIED	27	229	1663	2526	1971	772	129	7	7324
% LIVE BIRTHS	100.0	95.6	93.0	94.9	93.0	88.6	76.0	100.0	93.0
% INDUCED ABORTIONS	0.0	4.4	6.5	4.9	6.8	11.0	23.3	0.0	6.7
UNMARRIED	367	573	1243	648	304	128	29	5	3297
% LIVE BIRTHS	49.3	53.1	52.7	51.4	46.4	39.8	34.5	80.0	50.9
% INDUCED ABORTIONS	49.9	46.6	46.7	47.8	53.6	60.2	65.5	20.0	48.6
UNKNOWN	17	29	56	40	29	23	5	1	200
% LIVE BIRTHS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% INDUCED ABORTIONS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL	411	831	2962	3214	2304	923	163	13	10821
% LIVE BIRTHS	50.6	62.9	74.3	84.9	85.7	79.6	66.3	84.6	78.5
% INDUCED ABORTIONS	48.7	36.8	25.2	14.7	14.2	20.0	33.1	15.4	21.2

* INCLUDES ALL VERMONT RESIDENT LIVE BIRTHS; AND FETAL DEATHS AND INDUCED ABORTIONS OCCURRING IN VERMONT TO VERMONT RESIDENTS

Marriages and Divorces

Figure 10

VERMONT AND U.S. MARRIAGE AND DIVORCE RATES
1955 - 1989



U.S. RATES FOR 1988 & 1989 ARE PROVISIONAL

MARRIAGES AND DIVORCES

In 1989, 6151 marriages were performed in Vermont, 26 more than in 1988. The 1989 rate of 10.8 marriages per 1000 population is higher than the 1988 U.S. provisional rate of 9.7. Three hundred sixty-six Vermont marriages occurred between an out-of-state resident and a Vermont resident, and 1345 occurred between two out-of-state residents. The latter represents a slight increase from 20 percent of the total in 1988 to 22 percent in 1989.

There are consistent seasonal patterns with more marriages (73%) occurring between May and October than the rest of the year. In 1989 August was the most popular month for getting married. The number of marriages occurring in August was more than four times greater than the number occurring in January.

Fifty-one percent of the marriages which occurred in 1989 were first marriages for both the bride and the groom. An additional thirteen percent were first marriages for the bride, fourteen percent were first marriages for the groom, and twenty-two percent were remarriages for both the bride and the groom.

The age at which people first marry has been increasing. In 1960, 52 percent of first time brides were under 20, compared to 14 percent in 1989. Brides 30 or older accounted for six percent of all first marriages in 1960, but comprised 17 percent in 1989. Sixteen percent of first time grooms were under 20 in 1960, while only 4.8 percent were teenagers in 1989. Correspondingly, only 11 percent of first-time grooms were 30 or older in 1960, compared to 28 percent in 1989.

There were 2524 divorces granted in 1989, a decrease of 64 from 1988. This represents a rate of 4.5 per 1000 residents, which is slightly lower than the 1989 U.S. provisional rate of 4.7.

The median length of marriages ending in divorce was eight years with a range of four months to 51 years. First marriages tended to last longer. The median length of marriage for first marriages was nine years, compared to six years when one partner had been married previously, and five years when both partners had been married previously. The median age at the time of divorce was 34 for women with a range of 16 to 88 years, and 36 for men with a range of 19 to 80 years.

Over 60 percent of the divorces involved at least one child under the age of 18 for a total of 2571 children. This is 1.8 percent of children in Vermont.

TABLE 70

STATE OF RESIDENCE OF GROOM AND BRIDE
1989 VERMONT MARRIAGES

GROOM

STATE OF RESIDENCE	NUMBER
ALABAMA	2
ALASKA	2
ARIZONA	5
ARKANSAS	3
CALIFORNIA	61
COLORADO	13
CONNECTICUT	155
DELAWARE	5
FLORIDA	50
GEORGIA	9
HAWAII	1
IDAHO	2
ILLINOIS	25
INDIANA	7
KANSAS	3
KENTUCKY	2
LOUISIANA	4
MAINE	28
MARYLAND	22
MASSACHUSETTS	320
MICHIGAN	11
MINNESOTA	3
MISSISSIPPI	1
MISSOURI	9
MONTANA	2
NEBRASKA	4
NEW HAMPSHIRE	206
NEW JERSEY	78
NEW MEXICO	2
NEW YORK	257
NORTH CAROLINA	18
OHIO	15
OKLAHOMA	3
OREGON	2
PENNSYLVANIA	39
RHODE ISLAND	21
SOUTH CAROLINA	7
TENNESSEE	3
TEXAS	23
UTAH	3
VERMONT	4547
VIRGINIA	25
WASHINGTON	9
WASHINGTON D.C.	10
WEST VIRGINIA	3
WISCONSIN	8
CANADA	100
OTHER	23
TOTAL	6151

BRIDE

STATE OF RESIDENCE	NUMBER
ALASKA	1
ARIZONA	5
ARKANSAS	3
CALIFORNIA	61
COLORADO	8
CONNECTICUT	139
DELAWARE	2
FLORIDA	43
GEORGIA	7
HAWAII	2
IDAHO	3
ILLINOIS	20
INDIANA	7
IOWA	1
KANSAS	1
KENTUCKY	3
LOUISIANA	1
MAINE	30
MARYLAND	18
MASSACHUSETTS	304
MICHIGAN	11
MINNESOTA	2
MISSOURI	7
NEBRASKA	4
NEW HAMPSHIRE	184
NEW JERSEY	77
NEW MEXICO	1
NEW YORK	228
NORTH CAROLINA	14
OHIO	14
OKLAHOMA	3
OREGON	1
PENNSYLVANIA	34
RHODE ISLAND	18
SOUTH CAROLINA	4
TENNESSEE	3
TEXAS	18
UTAH	3
VERMONT	4699
VIRGINIA	19
WASHINGTON	8
WASHINGTON D.C.	11
WEST VIRGINIA	3
WISCONSIN	6
CANADA	98
OTHER	22
TOTAL	6151

TABLE 71
1989 VERMONT MARRIAGES

COUNTY OF RESIDENCE OF BRIDE BY COUNTY OF RESIDENCE OF GROOM

RESIDENCE OF GROOM	RESIDENCE OF BRIDE ADDIS	BENN	CALED	CHIT	ESSEX	FRANK	GR I	LAMOI	ORANGE	ORLEA	RUTL	WASH	WINDH	WINDS	O-O-S	TOTAL
ADDISON	246	0	0	11	0	1	0	0	0	1	5	2	0	0	2	268
BENNINGTON	0	245	0	1	0	0	0	0	0	0	1	1	1	1	10	260
CALEDONIA	0	0	187	1	3	1	0	1	3	1	0	0	0	0	9	206
CHITTENDEN	13	5	5	1065	0	15	4	1	1	3	2	9	0	4	17	1144
ESSEX	0	0	3	0	29	0	0	0	0	1	0	1	0	0	3	37
FRANKLIN	0	0	0	9	0	292	0	4	0	0	1	1	0	0	9	316
GRAND ISLE	0	0	0	6	0	1	42	0	0	0	0	0	0	0	2	51
LAMOILLE	0	0	1	7	0	3	0	145	1	6	0	1	0	0	2	166
ORANGE	2	0	1	1	0	0	0	0	160	0	0	7	1	3	3	178
ORLEANS	0	0	1	0	1	2	0	3	0	189	1	0	0	0	5	202
RUTLAND	5	5	0	6	0	0	0	1	0	0	475	1	1	2	10	506
WASHINGTON	1	0	1	3	0	0	1	5	11	3	0	463	0	2	13	503
WINDHAM	0	2	0	0	0	0	1	0	0	0	0	0	328	4	13	348
WINDSOR	1	1	1	4	0	0	0	0	8	1	6	3	6	322	9	362
OUT OF STATE	9	21	6	53	4	15	1	10	15	16	24	25	27	33	1345	1604
TOTAL	277	279	206	1167	37	330	49	170	199	221	515	514	364	371	1452	6151

TABLE 72
1989 VERMONT MARRIAGES

AGE OF BRIDE BY AGE OF GROOM

AGE OF GROOM	AGE OF BRIDE < 18 YEARS	18-20 YEARS	21-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75 + YEARS	UNKNOWN	TOTAL
UNDER 18 YEARS	2	4	0	0	1	0	0	0	0	0	0	0	0	0	0	7
18-20 YEARS	33	231	68	17	2	1	0	0	0	0	0	0	0	0	0	352
21-24 YEARS	26	362	566	193	41	8	3	1	0	0	0	0	0	0	3	1203
25-29 YEARS	6	121	551	649	182	60	11	3	0	0	0	0	0	0	1	1584
30-34 YEARS	0	34	171	454	336	124	43	6	1	1	0	0	0	0	0	1170
35-39 YEARS	1	4	51	160	257	154	65	20	4	2	0	0	0	0	1	719
40-44 YEARS	0	1	15	63	102	139	93	40	8	3	2	0	0	0	1	467
45-49 YEARS	0	1	3	16	28	55	76	69	17	3	1	0	0	0	0	269
50-54 YEARS	1	0	1	7	12	27	33	31	18	7	1	0	0	0	0	138
55-59 YEARS	0	1	1	3	1	8	8	23	23	19	5	1	0	0	1	94
60-64 YEARS	0	0	1	1	2	5	7	6	14	14	11	4	0	0	0	65
65-69 YEARS	0	0	1	1	0	2	4	3	3	4	8	8	5	2	0	41
70-74 YEARS	0	0	0	0	1	2	1	2	2	1	6	2	4	3	0	24
75 + YEARS	0	0	0	0	0	0	0	1	1	0	2	5	4	4	0	17
UNKNOWN	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	69	760	1429	1564	965	585	344	205	91	54	36	20	13	9	7	6151

TABLE 73
1989 VERMONT MARRIAGES

EDUCATION OF BRIDE BY EDUCATION OF GROOM

	EDUCATION OF BRIDE					
EDUCATION OF GROOM	< HS	H.S. GRAD	1-3 YRS. COLLEGE	4+ YEARS COLLEGE	UNKNOWN	TOTAL
< HIGH SCHOOL	250	355	82	23	3	713
H.S.GRADUATE	316	1479	519	247	7	2568
1-3 YRS COLLEGE	36	339	480	308	7	1170
4 + YRS COLLEGE	13	200	374	1072	4	1663
UNKNOWN	0	4	4	6	23	37
TOTAL	615	2377	1459	1656	44	6151

TABLE 74
1989 VERMONT MARRIAGES

MARRIAGE NUMBER OF BRIDE BY MARRIAGE NUMBER OF GROOM

	MARRIAGE NUMBER OF BRIDE				
MARRIAGE NUMBER OF GROOM	FIRST	SECOND	THIRD +	UNKNOWN	TOTAL
FIRST	3157	695	93	9	3954
SECOND	689	877	203	2	1771
THIRD +	91	196	106	2	395
UNKNOWN	2	6	1	22	31
TOTAL	3939	1774	403	35	6151

TABLE 75
1989 VERMONT MARRIAGES

RACE OF BRIDE AND GROOM

	RACE				
BRIDE AND GROOM	WHITE	BLACK	OTHER	UNKNOWN	TOTAL
BRIDE	6048	15	40	48	6151
GROOM	6042	30	32	47	6151

TABLE 76
1989 VERMONT MARRIAGES

MONTH OF MARRIAGE BY COUNTY OF MARRIAGE

COUNTY OF MARRIAGE	MONTH OF MARRIAGE JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ADDISON	14	15	10	10	27	54	52	41	44	26	18	21	332
BENNINGTON	20	22	20	23	38	74	59	64	79	51	23	26	499
CALEDONIA	4	17	14	13	28	33	49	28	42	19	11	17	275
CHITTENDEN	31	45	39	77	129	166	169	187	150	100	61	67	1221
ESSEX	2	1	3	1	3	5	4	5	12	8	1	4	49
FRANKLIN	9	12	14	23	38	42	63	57	50	31	14	12	365
GRAND ISLE	2	5	1	2	7	11	13	12	7	7	1	4	72
LAMOILLE	8	10	14	18	43	42	28	48	39	31	15	21	317
ORANGE	5	10	13	11	30	29	27	45	30	23	6	16	245
ORLEANS	12	12	6	23	28	34	51	38	45	24	12	22	307
RUTLAND	23	29	25	30	73	80	81	90	90	58	33	40	652
WASHINGTON	18	29	22	29	67	68	81	85	84	45	17	43	588
WINDHAM	19	27	25	33	65	67	76	70	75	62	31	31	581
WINDSOR	26	38	33	41	50	85	84	80	83	59	24	45	648
TOTAL	193	272	239	334	626	790	837	850	830	544	267	369	6151

TABLE 77
1989 VERMONT MARRIAGES

TYPE OF CEREMONY BY PREVIOUS MARITAL STATUS OF BRIDE AND GROOM

	TYPE OF CEREMONY GROOM				BRIDE			
PREVIOUS MARITAL STATUS	CIVIL	RELIGIOUS	UNKNOWN	TOTAL	CIVIL	RELIGIOUS	UNKNOWN	TOTAL
SINGLE	1568	2364	22	3954	1502	2416	21	3939
PREVIOUSLY MARRIED								
WIDOWED	69	83	3	155	90	97	2	189
DIVORCED	1225	755	6	1986	1247	684	8	1939
NOT STATED	13	12	0	25	33	16	0	49
UNKNOWN	14	16	1	31	17	17	1	35
TOTAL	2889	3230	32	6151	2889	3230	32	6151

TABLE 78
1989 VERMONT DIVORCES

PLAINTIFF AND CHILDREN UNDER 18 BY COUNTY OF DECREE

	PLAINTIFF					CHILDREN UNDER 18					
COUNTY OF DECREE	HUSBAND	WIFE	BOTH	OTHER	TOTAL	NONE	ONE	TWO	THREE+	UNKNOWN	TOTAL
ADDISON	49	85	0	8	142	68	30	31	13	0	142
BENNINGTON	39	99	7	6	151	69	26	34	18	4	151
CALEDONIA	45	98	1	0	144	48	39	39	12	6	144
CHITTENDEN	206	388	14	24	632	285	157	150	40	0	632
ESSEX	6	5	0	0	11	6	0	2	3	0	11
FRANKLIN	44	75	1	2	122	44	34	28	13	3	122
GRAND ISLE	5	12	0	0	17	6	4	5	2	0	17
LAMOILLE	30	56	2	7	95	32	23	29	9	2	95
ORANGE	38	70	2	5	115	37	36	27	9	6	115
ORLEANS	45	46	0	7	98	39	20	28	9	2	98
RUTLAND	97	204	4	10	315	131	81	72	23	8	315
WASHINGTON	59	142	4	4	209	83	51	64	11	0	209
WINDHAM	62	153	5	12	232	68	60	60	29	15	232
WINDSOR	62	174	2	3	241	107	51	64	19	0	241
TOTAL	787	1607	42	88	2524	1023	612	633	210	46	2524

TABLE 79
1989 VERMONT DIVORCES

MONTH OF DIVORCE BY COUNTY OF DECREE

MONTH OF DIVORCE

COUNTY OF DECREE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL
ADDISON	5	8	8	6	5	12	14	16	10	20	17	21	142
BENNINGTON	10	10	12	4	7	9	33	13	8	11	6	28	151
CALEDONIA	6	6	17	7	5	11	18	7	7	19	17	24	144
CHITTENDEN	39	42	52	44	69	37	43	65	34	33	48	126	632
ESSEX	0	0	0	1	3	0	4	0	2	0	0	1	11
FRANKLIN	9	7	12	9	4	12	30	10	15	4	2	8	122
GRAND ISLE	2	0	1	2	2	0	4	2	1	0	1	2	17
LAMOILLE	7	2	7	4	21	7	8	5	5	15	1	13	95
ORANGE	7	4	10	9	10	12	11	11	9	5	4	23	115
ORLEANS	3	1	17	15	14	17	3	9	4	1	4	10	98
RUTLAND	23	16	20	35	19	37	22	33	38	28	17	27	315
WASHINGTON	22	14	14	19	11	27	18	19	9	18	13	25	209
WINDHAM	4	15	9	24	13	47	15	30	32	12	11	20	232
WINDSOR	12	12	22	16	7	29	24	18	19	20	15	47	241
TOTAL	149	137	201	195	190	257	247	238	193	186	156	375	2524

TABLE 80
1989 VERMONT DIVORCES

LENGTH OF SEPARATION BY COUNTY OF DECREE

COUNTY OF DECREE	LENGTH OF SEPARATION 1-6 MONTHS	7-11 MONTHS	12-23 MONTHS	2-5 YEARS	OVER 5 YEARS	UNKNOWN	TOTAL
ADDISON	3	31	67	26	4	11	142
BENNINGTON	1	38	71	19	8	14	151
CALEDONIA	1	29	61	35	5	13	144
CHITTENDEN	12	170	269	102	21	58	632
ESSEX	0	4	3	0	0	4	11
FRANKLIN	0	19	54	26	7	16	122
GRAND ISLE	0	6	6	3	0	2	17
LAMOILLE	0	15	47	19	4	10	95
ORANGE	0	41	40	17	7	10	115
ORLEANS	0	15	45	32	5	1	98
RUTLAND	3	98	138	51	17	8	315
WASHINGTON	0	76	92	20	5	16	209
WINDHAM	1	43	104	61	13	10	232
WINDSOR	1	50	122	41	14	13	241
TOTAL	22	635	1119	452	110	186	2524

TABLE 81
1989 VERMONT DIVORCES

NUMBERS OF YEARS MARRIED BY COUNTY OF DECREE

COUNTY OF DECREE	YEARS MARRIED < 2 YEARS	2 YEARS	3 YEARS	4 YEARS	5 YEARS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25+ YEARS	UNKNOWN	TOTAL
ADDISON	11	10	8	13	7	3	11	10	9	28	10	13	9	0	142
BENNINGTON	7	14	15	7	10	10	11	15	9	18	14	8	13	0	151
CALEDONIA	7	11	9	3	9	8	10	4	0	31	19	17	16	0	144
CHITTENDEN	39	41	44	57	59	41	48	32	25	106	54	48	37	1	632
ESSEX	1	0	0	2	0	1	0	1	0	1	3	0	2	0	11
FRANKLIN	8	10	13	11	10	9	5	8	5	17	10	6	10	0	122
GRAND ISLE	1	2	3	2	0	0	1	2	1	3	0	0	2	0	17
LAMOILLE	3	9	10	5	5	8	5	2	3	14	14	10	6	1	95
ORANGE	8	8	10	8	8	8	7	5	3	21	14	7	6	2	115
ORLEANS	8	5	5	6	6	4	4	10	7	9	11	9	14	0	98
RUTLAND	19	22	22	23	28	21	26	15	11	44	33	23	28	0	315
WASHINGTON	10	13	12	27	13	15	12	14	10	30	19	21	12	1	209
WINDHAM	12	18	12	16	12	18	13	9	19	39	26	24	14	0	232
WINDSOR	8	9	21	23	18	17	21	9	15	41	23	20	16	0	241
TOTAL	142	172	184	203	185	163	174	136	117	402	250	206	185	5	2524

TABLE 82
1989 VERMONT DIVORCES

AGE OF WIFE BY AGE OF HUSBAND AT TIME OF DIVORCE

	AGE OF WIFE														
AGE OF HUSBAND	< 15 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70+ YEARS	UNKNOWN	TOTAL
< 15 YEARS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19 YEARS	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
20-24 YEARS	0	9	113	21	2	5	1	0	0	0	0	0	0	0	151
25-29 YEARS	0	1	126	228	35	12	4	0	0	0	0	0	0	0	406
30-34 YEARS	0	1	30	198	233	51	11	5	0	0	0	0	0	2	531
35-39 YEARS	0	2	6	58	168	175	36	14	1	0	0	0	0	4	464
40-44 YEARS	0	0	4	18	57	146	120	29	6	2	0	0	0	2	384
45-49 YEARS	0	0	0	5	15	37	110	88	12	2	1	0	0	1	271
50-54 YEARS	0	0	0	1	6	11	32	40	37	9	0	0	0	0	136
55-59 YEARS	0	0	0	1	1	7	12	21	25	16	2	1	0	0	86
60-64 YEARS	0	0	0	0	0	2	3	5	5	16	12	1	1	0	45
65-69 YEARS	0	0	0	0	0	0	1	0	3	2	9	3	0	0	18
70 + YEARS	0	0	0	0	0	1	0	2	2	5	3	8	3	0	24
UNKNOWN	0	0	0	0	0	1	0	1	0	0	0	0	0	3	5
TOTAL	0	16	279	530	517	448	330	205	91	52	27	13	4	12	2524

TABLE 83
1989 VERMONT DIVORCES

MARRIAGE NUMBER OF WIFE BY MARRIAGE NUMBER OF HUSBAND

	MARRIAGE NUMBER OF WIFE				
MARRIAGE NUMBER OF HUSBAND	FIRST	SECOND	THIRD+	UNKNOWN	TOTAL
FIRST	1575	211	23	2	1811
SECOND	229	220	58	1	508
THIRD+	46	71	24	1	142
UNKNOWN	2	2	1	58	63
TOTAL	1852	504	106	62	2524

TABLE 84
1989 VERMONT DIVORCES

LENGTH OF MARRIAGE BY HUSBAND'S AGE AT MARRIAGE

YEARS OF MARRIAGE

HUSBAND'S AGE AT MARRIAGE	< 2 YEARS	2 YEARS	3 YEARS	4 YEARS	5 YEARS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25+ YEARS	UNK	TOTAL
UNDER 15 YEARS	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
15-19 YEARS	12	15	10	7	11	12	18	13	12	60	46	27	23	0	266
20-24 YEARS	52	55	71	61	58	64	59	47	41	169	128	117	112	0	1034
25-29 YEARS	24	41	38	52	44	42	46	32	32	89	46	41	33	0	560
30-34 YEARS	12	15	30	29	27	17	19	22	16	46	17	16	12	0	278
35-39 YEARS	18	18	17	26	14	13	13	12	10	17	5	1	4	0	168
40-44 YEARS	11	11	7	13	13	10	6	7	1	9	4	3	0	0	95
45-49 YEARS	4	8	4	7	10	3	8	2	1	6	2	0	0	0	55
50-54 YEARS	4	4	3	3	2	2	2	1	2	3	1	0	0	0	27
55-59 YEARS	0	2	1	3	3	0	1	0	0	2	1	0	0	0	13
60-64 YEARS	4	2	1	1	0	0	1	0	0	0	0	0	0	0	9
65-69 YEARS	0	0	1	1	1	0	0	0	2	0	0	0	0	0	5
70 + YEARS	1	1	1	0	1	0	1	0	0	0	0	0	0	0	5
UNKNOWN	0	0	0	0	1	0	0	0	0	0	0	1	1	5	8
TOTAL	142	172	184	203	185	163	174	136	117	402	250	206	185	5	2524

TABLE 85
1989 VERMONT DIVORCES

LENGTH OF MARRIAGE BY WIFE'S AGE AT MARRIAGE

YEARS OF MARRIAGE

WIFE'S AGE AT MARRIAGE	< 2 YEARS	2 YEARS	3 YEARS	4 YEARS	5 YEARS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25+ YEARS	UNK	TOTAL
UNDER 15 YEARS	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
15-19 YEARS	28	34	34	39	34	35	43	37	33	120	106	87	84	0	714
20-24 YEARS	43	64	69	70	64	67	69	54	35	160	97	94	80	0	966
25-29 YEARS	21	20	39	34	35	27	28	21	23	80	31	15	17	0	391
30-34 YEARS	20	25	23	29	21	18	12	12	15	23	6	5	3	0	212
35-39 YEARS	13	12	7	13	9	7	12	8	5	13	3	2	0	0	104
40-44 YEARS	9	8	3	6	12	7	7	2	2	2	2	0	0	0	60
45-49 YEARS	2	4	4	9	3	1	3	2	1	1	2	0	0	0	32
50-54 YEARS	4	1	3	1	3	1	0	0	1	1	1	0	0	0	16
55-59 YEARS	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
60-64 YEARS	0	2	1	0	1	0	0	0	0	0	0	0	0	0	4
65-69 YEARS	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
70 + YEARS	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2
UNKNOWN	0	1	1	0	3	0	0	0	1	1	0	3	1	5	16
TOTAL	142	172	184	203	185	163	174	136	117	402	250	206	185	5	2524

TABLE 86
1989 VERMONT DIVORCES

EDUCATION OF WIFE BY EDUCATION OF HUSBAND

EDUCATION OF HUSBAND	EDUCATION OF WIFE < HS	H.S. GRAD	SOME COLLEGE	COLLEGE GRAD	UNKNOWN	TOTAL
< HIGH SCHOOL	135	233	43	12	6	429
H.S. GRADUATE	118	733	200	68	11	1130
1-3 YRS COLLEGE	11	155	144	69	4	383
4+ YRS COLLEGE	9	62	129	259	4	463
UNKNOWN	5	15	4	5	90	119
TOTAL	278	1198	520	413	115	2524

TABLE 87
1989 VERMONT DIVORCES

NUMBER OF YEARS MARRIED BY NUMBER OF CHILDREN UNDER 18 AFFECTED BY THIS DIVORCE

YEARS OF MARRIAGE	NUMBER OF CHILDREN UNDER 18 NONE	ONE	TWO	THREE+	UNKNOWN	TOTAL
UNDER 1 YEAR	13	2	0	0	0	15
1-2 YEARS	215	59	10	6	9	299
3-4 YEARS	192	124	49	9	13	387
5-9 YEARS	288	191	217	68	11	775
10-14 YEARS	77	89	174	60	2	402
15+ YEARS	237	146	181	66	11	641
UNKNOWN	1	1	2	1	0	5
TOTAL	1023	612	633	210	46	2524

Appendix

APPENDIX A

VERMONT HOSPITALS

HOSPITAL	COUNTY	TOWN
Brattleboro Memorial Hospital	Windham	Brattleboro
Central Vermont Medical Center	Washington	Berlin
Copley Hospital	Lamoille	Morrisville
Fanny Allen Hospital	Chittenden	Colchester
Gifford Memorial Hospital	Orange	Randolph
Grace Cottage Hospital	Windham	Townshend
Medical Center Hospital of Vermont	Chittenden	Burlington
Mt. Ascutney Hospital	Windsor	Windsor
North Country Hospital	Orleans	Newport
Northeastern Vermont Regional Hospital	Caledonia	St. Johnsbury
Northwestern Medical Center	Franklin	St. Albans
Porter Hospital	Addison	Middlebury
Rockingham Memorial Hospital	Windham	Bellows Falls
Rutland Regional Medical Center	Rutland	Rutland
Southwestern Vermont Medical Center	Bennington	Bennington
Springfield Hospital	Windsor	Springfield
Vermont State Hospital	Washington	Waterbury
Veterans Administration Center	Windsor	White River Jct.

APPENDIX B

VERMONT BIRTH CERTIFICATE ISSUES AND CALCULATIONS

MONTH PRENATAL CARE BEGAN

In 1988 the Vermont Department of Health adopted the National Center for Health Statistics method of calculating the month prenatal care began. This allows Vermont data to be more easily compared to national data, and eliminates any error introduced by hospitals using different reporting methods.

The calculation is based on the month of last menses and the month of the first prenatal visit. For example, if the date of last menses was January 1, and the date of first prenatal visit was March 10, the calculation shows that prenatal care began in the second month.

WEEKS OF GESTATION

National Center for Health Statistics methodology is used to determine gestational age. The weeks of gestation are computed from the date of last menses and the date of birth, if the data are available and the computed weeks are between 15 and 55. For those records where month and year are given but day is missing, the weeks of gestation is assigned the gestational weeks of the preceding record that has complete data with the same computed month of gestation and the same 500-gram birth weight interval.

An edit is then run that checks whether the birth weight of the record is within two standard deviations of the average birth weight for the calculated week of gestation. If the calculated week of gestation is within these bounds, it becomes the assigned week of gestation. If the calculated week of gestation is not within these bounds, but the given week of gestation is, the given week is assigned as the week of gestation. If neither the calculated nor the given week is within these bounds, the record is queried.

NUMBER OF PRENATAL VISITS

Since 1985, all hospitals report the date of the last recorded prenatal visit and the number of visits recorded in the prenatal chart.

In 1986, this was amended for births of 36 or more weeks of gestation with less than 20 reported visits, and whose last reported visit was within four weeks of delivery. In these cases all hospitals report the number of prenatal visits listed in a patient's chart plus one visit for every week between the date of the last recorded visit and the delivery date.

APPENDIX C

DEFINITIONS OF THE 72 SELECTED CAUSES OF DEATH

Causes of Death	Category Numbers According to the International Classification of Diseases Ninth Revision	Eighth Revision Adapted
Shigellosis and Amebiasis	004, 006	004, 006
Certain other intestinal infections	007-009	008, 009
Tuberculosis	010-018	010-019
Tuberculosis of respiratory system	010-012	010-012
Other tuberculosis	013-018	013-019
Whooping Cough	033	033
Streptococcal sore throat, scarlatina and erysipelas	034-035	034
Meningococcal infection	036	036
Septicemia	038	038
Acute poliomyelitis	045	045
Measles	055	055
Viral hepatitis	070	070
Syphilis	090-097	090-097
All other infectious and parasitic diseases	001-003, 005, 020-032, 037, 039-044, 046-054, 056-066, 071-088, 098-139	Remainder of 000-136
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	140-209
...of lip, oral cavity and pharynx	140-149	140-149
...of digestive organs and peritoneum	150-159	150-159
...of respiratory and intrathoracic organs	160-165	160-163
...of breast	174-175	174
...of genital organs	179-187	180-187
...of urinary organs	188-189	188-189
...of all other and unspecified sites	170-173, 190-199	170-173, 190-199

APPENDIX C

DEFINITIONS OF THE 72 SELECTED CAUSES OF DEATH

	Category Numbers According to the International Classification of Diseases	
	Ninth Revision	Eighth Revision Adapted
Leukemia	204-208	204-207
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	200-203, 208, 209
Benign neoplasms, carcinoma in situ and neoplasms of uncertain behavior and of unspecified nature	210-239	210-239
Diabetes mellitus	250	250
Nutritional deficiencies	260-269	260-269
Anemias	280-285	280-285
Meningitis	320-322	320
Major cardiovascular diseases	390-448	390-448
Diseases of the heart	390-398, 402, 404-429	390-398, 402, 404, 410-429
Rheumatic fever and Rheumatic heart disease	390-398	390-398
Hypertensive heart disease	402	402
Hypertensive heart and renal disease	404	404
Ischemic heart disease	410-414	410-413
Acute myocardial infarction	410	410
Other acute & subacute forms of ischemic heart disease	411	411
Angina pectoris	413	413
Old myocardial infarction & other forms of chronic ischemic heart disease	412, 414	412
Other diseases of endocardium	424	424, 428
All other forms of heart disease	415-423, 425-429	420-423, 425-427, 429

Appendix C

DEFINITIONS OF THE 72 SELECTED CAUSES OF DEATH

Causes of Death	Category Numbers According to the International Classification of Diseases	
	Ninth Revision	Eighth Revision Adapted
Hypertension with or without renal disease	401, 403	400, 401, 403
Cerebrovascular diseases	430-438	430-438
Intracerebral & other intracranial hemorrhage	431-432	431
Cerebral thrombosis & unspecified occlusion of cerebral arteries	434.0, 434.1, 434.9	433
Cerebral embolism	434.1	434
All other and late effects of cerebrovascular disease	430, 433, 435-438	430, 432, 435-438
Atherosclerosis	440	440
Other diseases of arteries, arterioles & capillaries	441-448	441-448
Acute bronchitis and bronchiolitis	466	466
Pneumonia and Influenza	480-487	470-474, 480-486
Pneumonia	480-486	480-486
Influenza	487	470-474
Chronic obstructive pulmonary diseases (C.O.P.D.) & allied conditions	490-496	490-493, 519.3
Bronchitis, chronic & unspecified	490-491	490-491
Emphysema	492	492
Asthma	493	493
Other C.O.P.D. & allied conditions	494-496	519.3
Ulcer of stomach & duodenum	531-533	531-533
Appendicitis	540-543	540-543
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553, 560	550-553, 560
Chronic liver disease & cirrhosis	571	571

APPENDIX C

DEFINITIONS OF THE 72 SELECTED CAUSES OF DEATH

Causes of Death	Category Numbers According to the International Classification of Diseases	
	Ninth Revision	Eighth Revision Adapted
Cholelithiasis & other disorders of gallbladder	574-575	574-575
Nephritis, nephrotic syndrome and nephrosis	580-589	580-584
Acute glomerulonephritis & nephrotic syndrome	580-581	580-581
Chronic glomerulonephritis, nephritis & nephropathy, not specified as acute or chronic, & renal sclerosis, unspecified	582-583, 587	582-584
Renal failure, disorders resulting from impaired renal function, & small kidney of unknown cause	584-586, 588-589	582-584
Infections of kidney	590	590
Hyperplasia of prostate	600	600
Complications of pregnancy, childbirth & the puerperium	630-676	630-678
Pregnancy with abortive outcome	630-638	640-645
Other complications	640-676	630-639, 650-678
Congenital anomalies	740-759	740-759
Certain conditions originating in perinatal period	760-779	760-769.2, 769.4-772, 774-778
Birth trauma, intrauterine hypoxia, birth asphyxia and respiratory distress syndrome	767-769	764-768, 772, 776
Other conditions	760-766, 770-779	Remainder of 760-778
Symptoms, signs & ill-defined conditions	780-799	780-796
All other diseases	Residual	Residual

APPENDIX C

DEFINITIONS OF THE 72 SELECTED CAUSES OF DEATH

Causes of Death	Category Numbers According to the International Classification of Diseases	
	Ninth Revision	Eighth Revision Adapted
Accidents and adverse effects	E800-E949	E900-E949
Motor vehicle accidents	E810-E825	E810-E823
All other accidents & adverse effects	E800-E807, E826-E949	E800-E807, E825-E949
Suicide	E950-E959	E950-E959
Homicide & legal intervention	E960-E978	E960-E978
All other external causes	E980-E999	E980-E999

APPENDIX D

NATURE OF INJURY CLASSIFICATIONS

Nature of Injury	Category According to the International Classification of Diseases 9th Revision
Fractures, dislocations and sprains and strains of joints and adjacent muscles	800-848
Intracranial injury, excluding those with skull fracture	850-854
Internal injury of chest, abdomen and pelvis	860-869
Open wound and injury to blood vessels	870-904
Late effects of injuries, poisonings, toxic effects and other external causes	905-909
Superficial injury, contusion and crushing injury	910-929
Effects of foreign body entering through orifice	930-939
Burns	940-949
Injury to nerves and spinal cord	950-957
Certain traumatic complications and unspecified injury	958-959
Poisoning by drugs, medicaments and biological substances	960-979
Toxic effects of substances, chiefly nonmedical as to source	980-989
Other and unspecified effects of external causes, complications of surgical and medical care, not elsewhere classified	990-999

Appendix E

Computation of Weeks of Gestation for Abortion Tables

On the Vermont abortion form there is space for the date of last normal menses, date of abortion, and gestational age. In this report weeks of gestation is generally calculated from the date of last normal menses and date of abortion. The clinically estimated weeks is used if the date of last normal menses is unknown, or if the calculated weeks and the clinically estimated weeks are more than two weeks apart.

DH · PHS · BIR · 89 06860

LOCAL FILE NUMBER

DEPARTMENT OF HEALTH

VERMONT CERTIFICATE OF LIVE BIRTH

STATE FILE NUMB

TYPE OR PRINT IN
RMANENT
LACK INK

CHILD

1. CHILD—NAME (First, Middle, Last)

2a. DATE OF BIRTH (Month, Day, Year)

2b. HOUR

3. SEX

4a. PLURALITY—SINGLE, TWIN, ETC. (Specify)

4b. IF NOT SINGLE BIRTH—BORN FIRST, SECOND, ETC. (Specify)

5a. PLACE OF BIRTH ☐ Hospital ☐ Enroute ☐ Clinic/Doctor's Office ☐ Residence ☐ Other (Specify) ____________

5b. CITY OR TOWN OF BIRTH

5c. FACILITY—NAME (If not in facility, give street and number)

PARENTS

6a. MOTHER'S NAME (First, Middle, Last)

6b. MAIDEN SURNAME

7. DATE OF BIRTH (Month, Day, Year)

8a. RESIDENCE—STATE

8b. CITY OR TOWN

9. BIRTHPLACE (State or Foreign Country)

10. MOTHER'S MAILING ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)

11. FATHER'S NAME (First, Middle, Last)

12. DATE OF BIRTH (Month, Day, Year)

13. BIRTHPLACE (State or Foreign Country)

INFORMANT

14. INFORMANT

15. RELATION TO CHILD

INFORMATIONAL
COPY ONLY

CERTIFIER

16. I certify that this child was born alive at the place and time and on the date stated.
Signature

17. DATE SIGNED (Month, Day, Year)

18. CERTIFIER'S NAME AND TITLE (Type/Print)
Name
☐ M.D. ☐ D.O. ☐ C.N.M. ☐ Midwife ☐ Family Member
☐ R.N. ☐ L.P.N. ☐ P.A. ☐ E.M.T. ☐ Other

19. ATTENDANT'S NAME AND TITLE (If other than certifier) (Type/Print)
Name
☐ M.D. ☐ D.O. ☐ C.N.M. ☐ Midwife ☐ Family Member
☐ R.N. ☐ L.P.N. ☐ P.A. ☐ E.M.T. ☐ Other

20. ATTENDANT'S MAILING ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)

REGISTRAR

21a. REGISTRAR—Signature

21b. DATE RECEIVED BY LOCAL REGISTRAR (Month, Da Year)

TO BE SIGNED
BY REGISTRAR
ON COPY ONLY

22a. TRUE COPY Clerk—Signature
ATTEST

22b. TOWN

22c. DATE (Month, Day, Year)

DH - PHS 06860

DEPARTMENT OF HEALTH

VERMONT CERTIFICATE OF LIVE BIRTH

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

06860

23. IS SOCIAL SECURITY CARD REQUESTED FOR INFANT? *(Specify Yes or No.)*

24. NAME OF PHYSICIAN PROVIDING PRENATAL CARE

	25. OF HISPANIC ORIGIN? (Specify No or Yes — If yes, specify Cuban, Mexican, Puerto Rican, etc.)	26. RACE — White, Black, American Indian, etc. (Specify)	EDUCATION *(Specify only highest grade completed)* Elementary/Secondary (0-12)	EDUCATION College (1-4 or 5+)	OCCUPATION AND BUSINESS INDUSTRY *(Worked during last year)* OCCUPATION	BUSINESS/INDUSTRY
MOTHER	25a. ☐ No ☐ Yes (Specify) ______	26a.	27a.		28a.	28b
ATHER	25b. ☐ No ☐ Yes (Specify) ______	26b.	27b.		28c.	28d

29. WAS MOTHER MARRIED? ☐ Yes ☐ No

30. DATE LAST NORMAL MENSES BEGAN *(Month, Day, Year)*

31. DATE OF FIRST PRENATAL VISIT *(Month, Day, Year)*

32. DATE OF LAST RECORDED VISIT *(Month, Day, Year)*

33. NUMBER OF RECORDED VISITS

34. DATE OF BLOOD TEST (STS) *(Month, Day, Year)* *If none, give reason*

35. BIRTH WEIGHT *(Specify unit)*

36. CLINICAL ESTIMATE OF GESTATION *(weeks)*

37. PREGNANCY HISTORY *(Complete each section)*

LIVE BIRTHS *(Do not include this one)*		OTHER TERMINATIONS *(Spontaneous and induced at any time after conception)*
37a. Now Living Number ______ ☐ None	37b. Now Dead Number ______ ☐ None	37d Number ______ ☐ None
37c. DATE OF LAST LIVE BIRTH *(Month, Year)*		37e. DATE OF LAST TERMINATION *(Month, Year)*

APGAR SCORE: 38a. 1 min. 38b. 5 min.

39. IS INFANT LIVING AT TIME OF REPORT? ☐ Yes ☐ No

40. WAS PROPHYLACTIC FOR OPHTHALMIA NEONATORUM USED IN BABY'S EYES? ☐ Yes ☐ No

41. MOTHER TRANSFERRED PRIOR TO DELIVERY? ☐ NO ☐ YES If yes, enter name of facility transferred from:

42. INFANT TRANSFERRED? ☐ NO ☐ YES If yes, enter name of facility transferred to

INFORMATIONAL COPY ONLY

43a. MEDICAL RISK FACTORS FOR THIS PREGNANCY
(Check all that apply)

- Anemia (Hct. <30/Hgb. <10) .... 01 ☐
- Cardiac disease .... 02 ☐
- Acute or chronic lung disease .... 03 ☐
- Diabetes .... 04 ☐
- Genital herpes .... 05 ☐
- Hydramnios/Oligohydramnios .... 06 ☐
- Hemoglobinopathy .... 07 ☐
- Hypertension, chronic .... 08 ☐
- Hypertension, pregnancy-associated .... 09 ☐
- Eclampsia .... 10 ☐
- Incompetent cervix .... 11 ☐
- Previous infant 4000 + grams .... 12 ☐
- Previous preterm or small-for-gestational-age infant .... 13 ☐
- Renal disease .... 14 ☐
- Rh sensitization .... 15 ☐
- Uterine bleeding .... 16 ☐
- None .... 00 ☐
- Other ______ 17 ☐ *(Specify)*

43b. OTHER RISK FACTORS FOR THIS PREGNANCY
(Complete all items)

Tobacco use during pregnancy .... Yes ☐ No ☐

Average number cigarettes per day ___

Alcohol use during pregnancy .... Yes ☐ No ☐

Average number drinks per week ___

Weight gained during pregnancy ___ lbs.

44. OBSTETRIC PROCEDURES
(Check all that apply)

- Amniocentesis .... 01 ☐
- Electronic fetal monitoring .... 02 ☐
- Induction of labor .... 03 ☐
- Stimulation of labor .... 04 ☐
- Tocolysis .... 05 ☐
- Ultrasound .... 06 ☐
- None .... 00 ☐
- Other ______ 07 ☐ *(Specify)*

45. COMPLICATIONS OF LABOR AND/OR DELIVERY
(Check all that apply)

- Febrile (>100° F. or 38° C.) .... 01 ☐
- Meconium, moderate/heavy .... 02 ☐
- Premature rupture of membrane (>12 hours) .... 03 ☐
- Abruptio placenta .... 04 ☐
- Placenta previa .... 05 ☐
- Other excessive bleeding .... 06 ☐
- Seizures during labor .... 07 ☐
- Precipitous labor (<3 hours) .... 08 ☐
- Prolonged labor (>20 hours) .... 09 ☐
- Dysfunctional labor .... 10 ☐
- Breech/Malpresentation .... 11 ☐
- Cephalopelvic disproportion .... 12 ☐
- Cord prolapse .... 13 ☐
- Anesthetic complications .... 14 ☐
- Fetal distress .... 15 ☐
- None .... 00 ☐
- Other ______ 16 ☐ *(Specify)*

46. METHOD OF DELIVERY *(Check all that apply)*

- Vaginal .... 01 ☐
- Vaginal birth after previous C-section .... 02 ☐
- Primary C-section .... 03 ☐
- Repeat C-section .... 04 ☐
- Forceps .... 05 ☐
- Vacuum .... 06 ☐

47. ABNORMAL CONDITIONS OF THE NEWBORN
(Check all that apply)

- Anemia (Hct. <39/Hgb. <13) .... 01 ☐
- Birth injury .... 02 ☐
- Fetal alcohol syndrome .... 03 ☐
- Hyaline membrane disease/RDS .... 04 ☐
- Meconium aspiration syndrome .... 05 ☐
- Assisted ventilation <30 min. .... 06 ☐
- Assisted ventilation >30min .... 07 ☐
- Seizures .... 08 ☐
- None .... 00 ☐
- Other ______ 09 ☐ *(Specify)*

48. CONGENITAL ANOMALIES OF CHILD
(Check all that apply)

- Anencephalus .... 01 ☐
- Spina bifida/Meningocele .... 02 ☐
- Hydrocephalus .... 03 ☐
- Microcephalus .... 04 ☐
- Other central nervous system anomalies *(Specify)* ______ 05 ☐
- Heart malformations .... 06 ☐
- Other circulatory/respiratory anomalies *(Specify)* ______ 07 ☐
- Rectal atresia/stenosis .... 08 ☐
- Tracheo-esophageal fistula/Esophageal atresia .... 09 ☐
- Omphalocele/Gastroschisis .... 10 ☐
- Other gastrointestinal anomalies *(Specify)* ______ 11 ☐
- Malformed genitalia .... 12 ☐
- Renal agenesis .... 13 ☐
- Other urogenital anomalies *(Specify)* ______ 14 ☐
- Cleft lip/palate .... 15 ☐
- Polydactyly/Syndactyly/Adactyly .... 16 ☐
- Club foot .... 17 ☐
- Diaphragmatic hernia .... 18 ☐
- Other musculoskeletal/integumental anomalies *(Specify)* ______ 19 ☐
- Down's syndrome .... 20 ☐
- Other chromosomal anomalies *(Specify)* ______ 21 ☐
- None .... 00 ☐
- Other ______ 22 ☐ *(Specify)*

NAME KNOWN TO PHYSICIAN

DH-PHS-DTH-89

DEPARTMENT OF HEALTH

VERMONT CERTIFICATE OF DEATH

LOCAL FILE NUMBER

STATE FILE NUMBER

INFORMATIONAL COPY ONLY

DECEDENT

1. DECEDENT'S NAME *(First, Middle, Last)*
2. SEX
3. DATE OF DEATH *(Month, Day, Year)*
4. SOCIAL SECURITY NUMBER

5a. AGE *(Yrs.)* —Last Birthday

5b. UNDER 1 YEAR: Months / Days

5c. UNDER 1 DAY: Hours / Minutes

6. DATE OF BIRTH *(Mo., Day, Yr.)*
7. BIRTHPLACE *(City and State or Foreign Country)*
8. PLACE OF DEATH *(Check only one)*

HOSPITAL: ☐ Inpatient ☐ ER/Outpatient ☐ DOA

OTHER: ☐ Nursing Home ☐ Residence ☐ Other(Specify) ____________

9. FACILITY NAME *(If not institution, give street and number)*
10. CITY OR TOWN OF DEATH
11. VETERAN? *(If so, what war?)*
12. MARITAL STATUS — Married, Never Married, Widowed, Divorced *(Specify)*
13. SURVIVING SPOUSE *(If wife, give maiden name)*
14. DECEDENT'S USUAL OCCUPATION *(Give kind of work done during most of life. Do not use retired.)*
15. KIND OF BUSINESS, INDUSTRY
16. DECEDENT'S EDUCATION *(Specify only highest grade completed)*: Elementary/Secondary (0-12) / College (1-4 or 5+)
17. WAS DECEDENT OF HISPANIC ORIGIN? (Specify No or Yes — If yes, specify Cuban, Mexican, Puerto Rican, etc.)

☐ No

☐ Yes (Specify) ____________________

18. RACE — White, Black, American Indian, etc. *(Specify)*
19. RESIDENCE—STATE
20. CITY, TOWN, OR LOCATION
21. MAILING ADDRESS *(Street, City or Town, State, Zip Code)*
22. FATHER'S NAME *(First, Middle, Last)*
23. MOTHER'S NAME *(First, Middle, Maiden Surname)*

24a. INFORMANT'S NAME *(Type/Print)*

24b. MAILING ADDRESS *(Street, City or Town, State, Zip Code)*

CAUSE OF DEATH (Type or Print)

25. PART 1. Enter the diseases, injuries, or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line.

Approximate Interval Between Onset and Death

IMMEDIATE CAUSE (Final disease or condition resulting in death) a. ________________________

DUE TO (OR AS A CONSEQUENCE OF)

Sequentially list conditions, if any, leading to immediate cause. Enter **UNDERLYING CAUSE** (Disease or injury that initiated events resulting in death) **LAST**

b. ________________________

DUE TO (OR AS A CONSEQUENCE OF)

c. ________________________

DUE TO (OR AS A CONSEQUENCE OF)

d. ________________________

PART 2. Other significant conditions contributing to death but not resulting in the underlying cause given in Part 1.

26a. WAS AN AUTOPSY PERFORMED? *(Yes or No)*

26b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? *(Yes or No)*

27a. MANNER OF DEATH: ☐ Natural ☐ Accident ☐ Suicide ☐ Homicide ☐ Undet. ☐ Pending

27b. DATE OF INJURY *(Month, Day, Year)*

27c. HOUR

27d. HOW DID INJURY OCCUR? *(Enter nature of injury in Part 1 or Part 2)*

27e. INJURY AT WORK *(Specify Yes or No)*

27f. PLACE OF INJURY *At Home, Farm, Factory, Street, Office Bldg., etc. (Specify)*

27g. LOCATION *(Street, or R.F.D. No. City or Town State)*

CERTIFIER

TO THE BEST OF MY KNOWLEDGE, ON THE BASIS OF THE CASE HISTORY, EXAMINATION AND/OR INVESTIGATION, DEATH OCCURRED AT THE TIME, DATE AND PLACE AND DUE TO CAUSE(S) AND MANNER STATED.

☐ Staff phys.

☐ Attenc. phys.

☐ Pathologist

☐ Med. Examiner

28a. *(Signature)*

29a. DATE SIGNED *(Mo., Day, Yr.)*

29b. HOUR OF DEATH

29c. PRONOUNCED DEAD ON *(Date)* *(Time)*

28b. NAME AND ADDRESS OF CERTIFIER *(Type or Print)*

30. NAME OF ATTENDING PHYSICIAN IF OTHER THAN CERTIFIER *(Type or Print)*

DISPOSITION

31a. METHOD OF DISPOSITION ☐ Temporary Storage

☐ Burial ☐ Cremation ☐ Removal from State

☐ Donation ☐ Other *(Specify)* ____________

31b. PLACE OF TEMPORARY STORAGE *(Cemetery, City or Town, State)*

31c. PLACE OF FINAL DISPOSITION *(Cemetery or Crematory, City or Town, State)*

32a. SIGNATURE OF FUNERAL DIRECTOR OR AUTHORIZED PERSON

32b. NAME AND ADDRESS OF FACILITY OR AUTHORIZED PERSON

33. DATE OF DISPOSITION *(Month, Day, Year)*

34a. REGISTRAR — *Signature*

34b. DATE RECEIVED BY LOCAL REGISTRAR *(Month, Day, Year)*

BE SIGNED
REGISTRAR
COPY ONLY

35a. TRUE COPY Clerk: *Signature*

ATTEST

35b. TOWN

35c. DATE *(Month, Day, Year)*

DH-PHS-MAR-89

TYPE OR PRINT IN
LACK INK
ANUAL FOR
UCTIONS

07570

LOCAL FILE NUMBER

DEPARTMENT OF HEALTH

VERMONT LICENSE AND CERTIFICATE OF MARRIAGE

STATE FILE NUMBER

GROOM

1. NAME *(First, Middle, Last)*			2. DATE OF BIRTH *(Month, Day, Year)*
3. MAILING ADDRESS *(Street and Number or Rural Route Number, City or Town, State, Zip Code)*			
4a. USUAL RESIDENCE — STATE	4b CITY OR TOWN		5. BIRTHPLACE *(State or Foreign Country)*
6a. FATHER'S NAME *(First, Middle, Last)*	6b BIRTHPLACE *(State or Foreign Country)*	7a. MOTHER'S NAME *(First, Middle, Maiden Surname)*	7b. BIRTHPLACE *(State or Foreign Country)*

BRIDE

8a. NAME *(First, Middle, Last)*	8b. MAIDEN SURNAME *(If Different)*		9. DATE OF BIRTH *(Month, Day, Year)*
10. MAILING ADDRESS *(Street and Number or Rural Route Number, City or Town, State, Zip Code)*			
11a. USUAL RESIDENCE — STATE	11b. CITY OR TOWN		12. BIRTHPLACE *(State or Foreign Country)*
13a. FATHER'S NAME *(First, Middle, Last)*	13b BIRTHPLACE *(State or Foreign Country)*	14a. MOTHER'S NAME *(First, Middle, Maiden Surname)*	14b. BIRTHPLACE *(State or Foreign Country)*

APPLICANT

We hereby certify that the information provided is correct to the best of our knowledge and belief and that we are free to marry under the laws of Vermont.

15a. GROOM'S SIGNATURE	15b. DATE SIGNED	15c. BRIDE'S SIGNATURE	15d. DATE SIGNED

INFORMATIONAL COPY ONLY

CERTIFICATION

I hereby certify that the above named persons have made oath to the truth of the facts stated in the foregoing declaration of intention of marriage and complied with the marriage laws of the State of Vermont.

16a. DATE ON WHICH LICENSE WAS ISSUED *(Month, Day, Year)*

16b. TOWN CLERK *(Signature)*

16c. TOWN OR CITY

16d. THIS LICENSE IS VALID FROM ______________________
(DATE)

TO ______________________ UNLESS WAIVED BY A VERMONT COURT.
(DATE)

OFFICIANT *(see Instructions on back)*

This license authorizes the marriage IN VERMONT ONLY of the above named parties by any person duly authorized to perform a marriage.

17a. I CERTIFY THAT THE ABOVE PERSONS WERE MARRIED ON *(Month, Day, Year)* DATE ▶	17b. WHERE MARRIED—CITY OR TOWN
17c. SIGNATURE OF PERSON PERFORMING CEREMONY ▶	
17d. NAME *(Type/Print)*	17e. TITLE
17f. ADDRESS OF PERSON PERFORMING CEREMONY *(Street and Number or Rural Route Number, City or Town, State, Zip Code)*	

REGISTRATION

18a. CLERK'S SIGNATURE		18b. DATE RECEIVED BY LOCAL REGISTRAR
19a. TRUE COPY—*(Clerk's Signature) (To be signed by Registrar on copy only)* Attest	19b. TOWN	19c. DATE

CONFIDENTIAL INFORMATION. THE INFORMATION BELOW MUST BE COMPLETED. IT WILL NOT APPEAR ON CERTIFIED COPIES OF THE RECORD.

GROOM

20. NAME		IF PREVIOUSLY MARRIED		EDUCATION *(Specify only highest grade completed)*	
		LAST MARRIAGE ENDED BY	DATE	Elementary or Secondary (0-12)	College (1-4 or 5+)
21. RACE—*White, Black, American Indian, Etc. (Specify)*	22. NO. OF THIS MARRIAGE *(1st, 2nd, etc.)*	☐ DEATH ☐ DIVORCE ☐ ANNULMENT 23a.	MONTH YEAR 23b.	24.	

BRIDE

25. NAME		IF PREVIOUSLY MARRIED		EDUCATION *(Specify only highest grade completed)*	
		LAST MARRIAGE ENDED BY	DATE	Elementary or Secondary (0-12)	College (1-4 or 5+)
26. RACE—*White, Black, American Indian, Etc. (Specify)*	27. NO. OF THIS MARRIAGE *(1st, 2nd, etc.)*	☐ DEATH ☐ DIVORCE ☐ ANNULMENT 28a.	MONTH YEAR 28b.	29.	

ATTORNEY OR PLAINTIFF SHALL FILL IN ITEMS 1-14b AND ITEMS 23-26. THE COMPLETED FORM MUST ACCOMPANY THE LIBEL. DETACH AND RETAIN 3RD PINK COPY. TYPE OR PRINT WITH BLACK INK SO THAT ALL COPIES ARE LEGIBLE.

DH-PHS-DIV-89
03927

DEPARTMENT OF HEALTH

VERMONT RECORD OF DIVORCE OR ANNULMENT

COURT DOCKET NUMBER

STATE FILE NUMBER

INFORMATIONAL COPY ONLY

HUSBAND

1. HUSBAND'S NAME *(First, Middle, Last)*		
2a. RESIDENCE—STATE	2b. CITY OR TOWN	3. MAILING ADDRESS *(Street and Number or Rural Route Number, City or Town, State, Zip Code)*
4. BIRTHPLACE *(State or Foreign Country)*	5. DATE OF BIRTH *(Month, Day, Year)*	

WIFE

6a. WIFE'S NAME *(First, Middle, Last)*		6b. MAIDEN SURNAME
7a. RESIDENCE—STATE	7b. CITY OR TOWN	8. MAILING ADDRESS *(Street and Number or Rural Route Number, City or Town, State, Zip Code)*
9. BIRTHPLACE *(State or Foreign Country)*	10. DATE OF BIRTH *(Month, Day, Year)*	

MARRIAGE

11a. PLACE OF THIS MARRIAGE *(State or Foreign Country)*	11b. CITY, TOWN OR LOCATION	11c. DATE OF THIS MARRIAGE *(Month, Day, Year)*
12a. DATE COUPLE LAST RESIDED IN SAME HOUSEHOLD *(Month, Day, Year)*	12b. NUMBER OF CHILDREN UNDER 18 IN THIS HOUSEHOLD AS OF THE DATE IN ITEM 12a Number ________ ☐ None	13. PETITIONER ☐ Husband ☐ Wife ☐ Both ☐ Other *(Specify)* ____________
14a. NAME OF PETITIONER'S ATTORNEY *(Type/Print)* ☐ NO ATTORNEY	14b. ADDRESS *(Street and Number or Rural Route Number, City or Town, State, Zip Code)*	

DECREE

I CERTIFY THAT THIS DECREE BECAME ABSOLUTE (FINAL) ON *(Month, Day, Year)*	16. TYPE OF DECREE — *Absolute Divorce or Annulment (Specify)*	17. COUNTY OF DECREE
18. NUMBER OF CHILDREN UNDER 18 WHOSE PHYSICAL CUSTODY WAS AWARDED TO Husband____________ Wife____________ Joint (Husband/Wife)____________ Other____________ ☐ No Children	19. LEGAL GROUNDS FOR DECREE *(Specify)*	
20. SIGNATURE OF COURT OFFICIAL	21. TITLE OF COURT OFFICIAL	22. DATE SIGNED *(Month, Day, Year)*

CONFIDENTIAL INFORMATION. THE INFORMATION BELOW WILL NOT APPEAR ON CERTIFIED COPIES OF THE RECORD.

THIS SECTION MUST BE COMPLETED BEFORE FILING WITH THE COUNTY CLERK
(Title18, Section 5004, V.S.A.)

	23. NUMBER OF THIS MARRIAGE—First, Second, etc. *(Specify below)*	24. IF PREVIOUSLY MARRIED, LAST MARRIAGE ENDED		25. Race — White, Black, American Indian, etc. *(Specify)*	26. EDUCATION *(Specify only highest grade completed)*	
		By Death, Divorce, Dissolution, or Annulment *(Specify Below)*	Date *(Month, Day, Year)*		Elementary/Secondary (0-12)	College (1-4 or 5+)
HUSBAND	23a.	24a.	24b	25a	26a	
WIFE	23b.	24c.	24d.	25b	26b	

First Copy: Original Record to be sent to Dept. of Health when divorce becomes absolute

DEPARTMENT OF HEALTH

VERMONT REPORT OF FETAL DEATH

(20 Wks. & over or 400 grams & over in weight)

DH-PHS-FD-89

STATE FILE NUMBER

1. FETUS NAME *(First, Middle, Last)*
2. DATE OF DELIVERY *(Month, Day, Year)*
3. SEX

4a. PLURALITY—SINGLE, TWIN, ETC. *(Specify)*
4b. IF NOT SINGLE BIRTH—BORN FIRST, SECOND, ETC. *(Specify)*
5a. FACILITY—NAME *(If not in facility, give street and number)*
5b. CITY OR TOWN, OR LOCATION OF DELIVERY

PARENTS

6a. MOTHER'S NAME *(First, Middle, Last)*
6b. MAIDEN SURNAME
7. DATE OF BIRTH *(Month, Day, Year)*

8a. RESIDENCE—STATE
8b. CITY, TOWN OR LOCATION
8c. ZIP CODE

9. FATHER'S NAME *(First, Middle, Last)*
10. DATE OF BIRTH *(Month, Day, Year)*

	11. OF HISPANIC ORIGIN? (Specify No or Yes — If yes, specify Cuban, Mexican, Puerto Rican, etc.)	12. RACE — White, Black, American Indian, etc. (Specify)	13. EDUCATION *(Specify only highest grade completed)* Elementary/Secondary (0-12)	13. EDUCATION College (1-4 or 5+)	14. OCCUPATION AND BUSINESS/INDUSTRY *(Worked during last year)* OCCUPATION	BUSINESS/INDUSTRY
MOTHER	11a. ☐ No ☐ Yes Specify ______	12a.	13a.		14a.	14b.
FATHER	11b. ☐ No ☐ Yes Specify ______	12b.	13b.		14c.	14d.

15. PREGNANCY HISTORY *(Complete Each Section)*

LIVE BIRTHS

15a. Now Living Number ______
15b. Now Dead Number ______
15c. DATE OF LAST LIVE BIRTH *(Month, Day, Year)*

OTHER TERMINATIONS *(Spontaneous and induced at any time after conception)*

15d. *(Do not include this fetus)* Number ______
15e. DATE OF LAST OTHER TERMINATION *(Month, Year)*

16. WAS MOTHER MARRIED? ☐ Yes ☐ No

17. DATE LAST NORMAL MENSES BEGAN *(Month, Day, Year)*

18. DATE OF FIRST PRENATAL VISIT *(Month, Day, Year)*
19. DATE OF LAST RECORDED VISIT *(Month, Day, Year)*
20. NUMBER OF RECORDED VISITS

21. WEIGHT OF FETUS *(Specify Unit)*
22. CLINICAL ESTIMATE OF GESTATION *(Weeks)*

INFORMATIONAL COPY ONLY

23a. MEDICAL RISK FACTORS FOR THIS PREGNANCY
(Check all that apply)

Anemia (Hct. <30/Hgb. <10) .... 01 ☐
Cardiac disease .... 02 ☐
Acute or chronic lung disease .... 03 ☐
Diabetes .... 04 ☐
Genital herpes .... 05 ☐
Hydramnios/Oligohydramnios .... 06 ☐
Hemoglobinopathy .... 07 ☐
Hypertension, Chronic .... 08 ☐
Hypertension, pregnancy-associated .... 09 ☐
Eclampsia .... 10 ☐
Incompetent cervix .... 11 ☐
Previous infant 4000 + grams .... 12 ☐
Previous preterm or small-for-gestational-age infant .... 13 ☐
Renal disease .... 14 ☐
Rh sensitization .... 15 ☐
Uterine bleeding .... 16 ☐
None .... 00 ☐
Other ______ 17 ☐
(Specify)

23b. OTHER RISK FACTORS FOR THIS PREGNANCY
(Complete all items)

Tobacco use during pregnancy .... Yes ☐ No ☐
Average number cigarettes per day ____
Alcohol use during pregnancy .... Yes ☐ No ☐
Average number drinks per week ____
Weight gained during pregnancy ______ lbs.

24. METHOD OF DELIVERY *(Check all that apply)*

Vaginal .... 01 ☐
Vaginal birth after previous C-section .... 02 ☐
Primary C-section .... 03 ☐
Repeat C-section .... 04 ☐
Forceps .... 05 ☐
Vacuum .... 06 ☐
Hysterotomy/Hysterectomy .... 07 ☐

25. OBSTETRIC PROCEDURES
(Check all that apply)

Amniocentesis .... 01 ☐
Electronic fetal monitoring .... 02 ☐
Induction of labor .... 03 ☐
Stimulation of labor .... 04 ☐
Tocolysis .... 05 ☐
Ultrasound .... 06 ☐
None .... 00 ☐
Other ______ 07 ☐
(Specify)

26. COMPLICATIONS OF LABOR AND/OR DELIVERY
(Check all that apply)

Febrile (>100° F. or 38° C.) .... 01 ☐
Meconium, moderate/heavy .... 02 ☐
Premature rupture of membrane (>12 hours) .... 03 ☐
Abruptio placenta .... 04 ☐
Placenta previa .... 05 ☐
Other excessive bleeding .... 06 ☐
Seizures during labor .... 07 ☐
Precipitous labor (<3 hours) .... 08 ☐
Prolonged labor (>20 hours) .... 09 ☐
Dysfunctional labor .... 10 ☐
Breech/Malpresentation .... 11 ☐
Cephalopelvic disproportion .... 12 ☐
Cord prolapse .... 13 ☐
Anesthetic complications .... 14 ☐
Fetal distress .... 15 ☐
None .... 00 ☐
Other ______ 16 ☐
(Specify)

28. NAME OF PHYSICIAN PROVIDING PRENATAL CARE

27. CONGENITAL ANOMALIES OF CHILD
(Check all that apply)

Anencephalus .... 01 ☐
Spina bifida/Meningocele .... 02 ☐
Hydrocephalus .... 03 ☐
Microcephalus .... 04 ☐
Other central nervous system anomalies
(Specify) ______ 05 ☐

Heart malformations .... 06 ☐
Other circulatory/respiratory anomalies
(Specify) ______ 07 ☐

Rectal atresia/stenosis .... 08 ☐
Tracheo-esophageal fistula/Esophageal atresia .... 09 ☐
Omphalocele/Gastroschisis .... 10 ☐
Other gastrointestinal anomalies
(Specify) ______ 11 ☐

Malformed genitalia .... 12 ☐
Renal agenesis .... 13 ☐
Other urogenital anomalies
(Specify) ______ 14 ☐

Cleft lip/palate .... 15 ☐
Polydactyly/Syndactyly/Adactyly .... 16 ☐
Club foot .... 17 ☐
Diaphragmatic hernia .... 18 ☐
Other musculoskeletal/integumental anomalies
(Specify) ______ 19 ☐

Down's syndrome .... 20 ☐
Other chromosomal anomalies
(Specify) ______ 21 ☐

None .... 00 ☐
Other ______ 22 ☐
(Specify)

DH-PHS-FD-83

DEPARTMENT OF HEALTH

VERMONT REPORT OF FETAL DEATH

(20 Wks. & over or 400 grams & over in weight)

29

PART 1. Fetal or maternal condition directly causing fetal death

IMMEDIATE CAUSE

Enter only one cause per line for a, b, and c.

a. ______________________ Specify Fetal or Maternal

DUE TO (OR AS A CONSEQUENCE OF):

Fetal and/or maternal conditions, if any, giving rise to the immediate cause(s), stating the underlying cause last.

b. ______________________ Specify Fetal or Maternal

DUE TO (OR AS A CONSEQUENCE OF):

c. ______________________ Specify Fetal or Maternal

PART 2. Other significant conditions of fetus or mother contributing to fetal death but not resulting in the underlying cause given in Part 1.

30. FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN *(Specify)*

I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD. *(Signature)*

This certification constitutes permission for final disposition

32. DATE SIGNED *(Month, Day, Year)*

34. ATTENDANT'S NAME AND TITLE *(If other than certifier) (Type/Print)*

Name

☐ M.D. ☐ D.O. ☐ C.N.M. ☐ Lay - Midwife ☐ Family Member

☐ R.N ☐ L.P.N ☐ P.A. ☐ E.M.T. ☐ OTHER *(Specify)*

33. CERTIFIER'S NAME AND TITLE *(Type/Print)*

Name

☐ M.D. ☐ D.O. ☐ C.N.M. ☐ Other Midwife

☐ OTHER *(Specify)*

35. ATTENDANT'S MAILING ADDRESS *(Street, Town, State, Zip Code)*

IF REMAINS ARE RELEASED TO A FUNERAL DIRECTOR OR OTHER PERSON, A BURIAL-TRANSIT PERMIT MUST BE COMPLETED.

H-PHS-ABO-89

DEPARTMENT OF HEALTH
VERMONT REPORT OF INDUCED TERMINATION OF PREGNANCY

STATE FILE NUMBER

FACILITY

ne of Facility or Physician:

City or Town:

PATIENT INFORMATION

Patient Identification Number:

Date of Birth: (Month, Day, Year)

Residence—State:

City or Town:

Zip Code:

Marital Status:

☐ Never Married
☐ Married
☐ Widowed
☐ Divorced
☐ Separated
☐ Unknown

Of Hispanic Origin? (Specify No or Yes - If yes, specify Cuban, Mexican, Puerto Rican, etc.)

☐ No
☐ Yes (specify) ________

Race:

☐ White
☐ Black
☐ Amer. Indian
☐ Other (Specify) ________

EDUCATION *(Specify only highest grade completed)*	
Elementary/Secondary *(0-12)*	College *(1 4 or 5+)*

MEDICAL INFORMATION

Date of Procedure: (Month, Day, Year)

Date Last Normal Menses Began: (Month, Day, Year)

Clinical Estimate of Gestation (Weeks)

PREVIOUS PREGNANCIES (Complete each section)			
LIVE BIRTHS		OTHER TERMINATIONS	
Now Living	Now Dead	Spontaneous	Induced
#________	#________	#________	#________
None ☐	None ☐	None ☐	None ☐

INFORMATIONAL COPY ONLY

TERMINATION

TYPE OF TERMINATION PROCEDURES

PROCEDURE THAT TERMINATED PREGNANCY (CHECK ONE ONLY)		ADDITIONAL PROCEDURES USED FOR THIS TERMINATION, IF ANY (CHECK ALL THAT APPLY)
☐	Early Uterine Evacuation	☐
☐	Suction Curettage	☐
☐	Sharp Curettage	☐
☐	Dilation and Evacuation (D&E)	☐
☐	Intra-Uterine Saline Instillaton	☐
☐	Intra-Uterine Prostaglandin Instillation	☐
☐	Hysterotomy	☐
☐	Hysterectomy	☐
☐	Other (Specify) ________	☐

Title of Person Performing Abortion:

☐ M.D., D.O.
☐ Physician's Assistant
☐ Nurse Practitioner
☐ Other (Specify) ________

CERTIFICATION

I hereby certify that this procedure was performed on the date stated above.

Signature ________________

Date ________________

Address ________________

This certification constitutes permission for final disposition. If remains are released to a funeral director or other person a burial-transit permit must be completed.

SEND THIS REPORT WITHIN SEVEN DAYS TO:

Vital Records
Vermont Department of Health
P.O. Box 70
Burlington, VT 05402

(Title 18, Section 5222, V.S.A.)